

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 1/19/2022      **Collected By:** Jordan Skaggs, Andrew Luering  
**Customer:** \_\_\_\_\_ **Sampling Agency:** FDEP  
**RQ:** RQ-2022-01-17-32      **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                                                                                  |
|---------------------------------------------|--------------------------------------------------------------------------------------------------|
| Chandler Slough @ Southern US98 Culvert     | <br>G4SE0142   |
| Chandler Slough @ Northern US98 Culvert     | <br>G4SE0141   |
| Oak Creek @ 68                              | <br>G4SE0080 |
| Gore Branch @ 724                           | <br>G4SE0130 |
| Chandler Slough @ NW 190th                  | <br>G4SE0136 |
| GORE BRANCH / CHANDLER SLOUGH @ NW 240th ST | <br>G4SE0145 |
| Chandler Slough @ NW 160th Dr.              | <br>G4SE0143 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 1/19/2022

1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:**

**Rec'd/Inspected  
Date:**



|                                                                                                                                               |                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| RQ-2022-01-17-32                                                                                                                              | <b>Collected By:</b> Jordan Skaggs, Andrew Luering             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Jordan Skaggs, Andrew Luering |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                   |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G4SE0142 | <b>Comments:</b>                                               |

**Location:****Location:** Chandler Slough @ Southern US98 Culvert

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L) | DO<br>(%SAT)      | Temp. ©                                                                      | pH         | Sample<br>Depth<br>(m)                      | Secchi<br>Depth               | Total<br>Depth<br>(m) | Sp COND<br>(µmhos<br>/cm) | Salinity<br>(PPT) |                          |              |                 |    |    |   |   |  |
|------------------------------------|--------------|-------------------|------------------------------------------------------------------------------|------------|---------------------------------------------|-------------------------------|-----------------------|---------------------------|-------------------|--------------------------|--------------|-----------------|----|----|---|---|--|
| 1/19/2022<br>1010                  | 3.34         | 32.1              | 12.8                                                                         | 6.73       | 0.3                                         | 1.3                           | 1.3                   | 1353                      | 0.68              |                          |              |                 |    |    |   |   |  |
| Parameter Suite                    |              | Parameter Methods |                                                                              |            |                                             | Preservation                  |                       | pH<br>Check               |                   | # Bottles<br>sent to Lab |              | Bottle<br>Group |    |    |   |   |  |
| Preserved Nutrients (P-500ML)      |              | X                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |            |                                             |                               | X                     | Ice                       | X                 | H2SO4*                   |              | X               | <2 | 1  | A |   |  |
|                                    |              | Lot #             |                                                                              | SA1105060  |                                             | Exp:                          |                       | 04/30/2022                |                   |                          |              |                 |    |    |   |   |  |
| Metals (P-500ML)                   |              |                   | W-ICPMS                                                                      |            |                                             | W-ICP                         |                       |                           | 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 #      |                                                                              | 17232873   |                                             | Syringe Lot #                 |                       | 1145471                   |                   |                          |              |                 |    |    |   |   |  |
| BOD (BP-1L)                        |              |                   | OV-BODUNIN                                                                   |            |                                             |                               |                       | Ice                       |                   |                          |              |                 |    |    |   |   |  |
| Chlorophyll (BP-1L)                |              | X                 | CHLSUITE-W                                                                   |            |                                             |                               | X                     | Ice                       |                   |                          |              | 1               |    |    | A |   |  |
| Physical/Aggregate (Fresh) (P-1L)  |              | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W- TDS |            |                                             |                               | X                     | Ice                       |                   |                          |              | 1               |    |    | A |   |  |
| Physical/Aggregate (Marine) (P-1L) |              |                   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |            |                                             |                               |                       | Ice                       |                   |                          |              |                 |    |    |   |   |  |
| Macroinvertebrates (PJ-2L)         |              |                   | MI-FW-QLDC                                                                   |            | Formalin Lot #                              |                               |                       |                           |                   | Formalin                 |              |                 |    |    |   |   |  |
| Periphyton (PT-50ML)               |              |                   | ALGAE-ID                                                                     |            |                                             |                               |                       | Ice                       |                   |                          |              |                 |    |    |   |   |  |
| Microbiology (Contract Lab Bottle) |              | X                 | E Coli                                                                       |            |                                             | F Coli                        |                       |                           | Enterococci       |                          | x            | Ice             |    |    | 1 | A |  |
|                                    |              | Contract Lab      |                                                                              |            |                                             |                               |                       |                           |                   |                          |              |                 |    |    |   |   |  |
| Molecular (QPCR-P-500ML)           |              |                   | PCR-HF183                                                                    |            |                                             | PCR-BacR                      |                       |                           | PCR-DG3           |                          |              | Ice             |    |    |   |   |  |
|                                    |              | PCR-GULL2         |                                                                              | PCR-GFD    |                                             |                               |                       |                           |                   |                          |              |                 |    |    |   |   |  |
| Tracers (BG-500ML)                 |              |                   | W-E8321-DI                                                                   |            |                                             | W-E8321-MS                    |                       |                           |                   |                          | Ice          |                 |    |    |   |   |  |
| Pesticides (BG-500ML) (BG-1L)      |              |                   | W-E8321-DI                                                                   |            | W-E8321-MS                                  |                               | W-PSNP-TQ             |                           | Ice               | MCAA<br>Exp.             | MCAA<br>Lot# |                 |    |    |   |   |  |
|                                    |              |                   | W-PCL-TQ-R                                                                   |            | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |                               | W-CT-CL-R             |                           |                   |                          |              |                 |    |    |   |   |  |
|                                    |              | W-TR-SQ-R         |                                                                              | W-PCB-TQ-R |                                             |                               |                       |                           |                   |                          |              |                 |    |    |   |   |  |
| Phytoplankton                      |              |                   | DTY-QN-C                                                                     |            | PKD-QN-BV                                   |                               |                       |                           |                   | Ice                      |              |                 |    |    |   |   |  |



|                                                                                                                                               |                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| RQ-2022-01-17-32                                                                                                                              | <b>Collected By:</b> Jordan Skaggs, Andrew Luering             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Jordan Skaggs, Andrew Luering |
| <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:****Location:** Chandler Slough @ Northern US98 Culvert

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L) | DO<br>(%SAT)      | Temp. ©                                                                      | pH        | Sample<br>Depth<br>(m) | Secchi<br>Depth                             | Total<br>Depth<br>(m) | Sp COND<br>(µmhos<br>/cm) | Salinity<br>(PPT <sub>h</sub> ) |                          |  |                 |     |              |              |   |  |
|------------------------------------|--------------|-------------------|------------------------------------------------------------------------------|-----------|------------------------|---------------------------------------------|-----------------------|---------------------------|---------------------------------|--------------------------|--|-----------------|-----|--------------|--------------|---|--|
| 1/19/2022<br>1040                  | 5.67         | 55.7              | 14.2                                                                         | 7.2       | 0.3                    | 1.5                                         | 2                     | 470                       | 0.23                            |                          |  |                 |     |              |              |   |  |
| Parameter Suite                    |              | Parameter Methods |                                                                              |           |                        | Preservation                                |                       | pH<br>Check               |                                 | # Bottles<br>sent to Lab |  | Bottle<br>Group |     |              |              |   |  |
| Preserved Nutrients (P-500ML)      |              | X                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |           |                        |                                             | X                     | Ice                       | X                               | H2SO4*                   |  | X               | <2  | 1            | A            |   |  |
|                                    |              | Lot #             |                                                                              | SA1105060 |                        | Exp:                                        |                       | 04/30/22                  |                                 |                          |  |                 |     |              |              |   |  |
| Metals (P-500ML)                   |              |                   | W-ICPMS                                                                      |           |                        | W-ICP                                       |                       | Ice                       |                                 | HNO3*                    |  |                 | <2  |              |              |   |  |
|                                    |              | Lot #             |                                                                              |           |                        | Exp:                                        |                       |                           |                                 |                          |  |                 |     |              |              |   |  |
| Filtered Nutrients (P125ML)        |              | X                 | W-PO4-F                                                                      |           | X                      | Field Filtered 0.45 µm Filter               |                       | X                         | Ice                             |                          |  |                 | 1   | A            |              |   |  |
|                                    |              | Filter Lot #      |                                                                              | 17232873  |                        | Syringe Lot #                               |                       | 1145471                   |                                 |                          |  |                 |     |              |              |   |  |
| BOD (BP-1L)                        |              |                   | OV-BODUNIN                                                                   |           |                        |                                             |                       | Ice                       |                                 |                          |  |                 |     |              |              |   |  |
| Chlorophyll (BP-1L)                |              | X                 | CHLSUITE-W                                                                   |           |                        |                                             | X                     | Ice                       |                                 |                          |  |                 | 1   | A            |              |   |  |
| Physical/Aggregate (Fresh) (P-1L)  |              | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |           |                        |                                             | X                     | Ice                       |                                 |                          |  |                 | 1   | A            |              |   |  |
| Physical/Aggregate (Marine) (P-1L) |              |                   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |           |                        |                                             |                       | Ice                       |                                 |                          |  |                 |     |              |              |   |  |
| Macroinvertebrates (PJ-2L)         |              |                   | MI-FW-QLDC                                                                   |           | Formalin Lot #         |                                             |                       | Formalin                  |                                 |                          |  |                 |     |              |              |   |  |
| Periphyton (PT-50ML)               |              |                   | ALGAE-ID                                                                     |           |                        |                                             |                       | Ice                       |                                 |                          |  |                 |     |              |              |   |  |
| Microbiology (Contract Lab Bottle) |              | X                 | E Coli                                                                       |           |                        | F Coli                                      |                       | Enterococci               |                                 | X                        |  |                 | Ice |              | 1            | A |  |
|                                    |              | Contract Lab      |                                                                              |           |                        |                                             |                       |                           |                                 |                          |  |                 |     |              |              |   |  |
| Molecular (QPCR-P-500ML)           |              |                   | PCR-HF183                                                                    |           |                        | PCR-BacR                                    |                       | PCR-DG3                   |                                 |                          |  |                 | Ice |              |              |   |  |
|                                    |              | PCR-GULL2         |                                                                              |           | PCR-GFD                |                                             |                       |                           |                                 |                          |  |                 |     |              |              |   |  |
| Tracers (BG-500ML)                 |              |                   | W-E8321-DI                                                                   |           |                        | W-E8321-MS                                  |                       |                           | Ice                             |                          |  |                 |     |              |              |   |  |
| Pesticides (BG-500ML) (BG-1L)      |              |                   | W-E8321-DI                                                                   |           |                        | W-E8321-MS                                  |                       |                           | W-PSNP-TQ                       |                          |  |                 | Ice | MCAA<br>Exp. | MCAA<br>Lot# |   |  |
|                                    |              |                   | W-PCL-TQ-R                                                                   |           |                        | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |                       |                           | W-CT-CL-R                       |                          |  |                 |     |              |              |   |  |
|                                    |              | W-TR-SQ-R         |                                                                              |           | W-PCB-TQ-R             |                                             |                       |                           |                                 |                          |  |                 |     |              |              |   |  |
| Phytoplankton                      |              |                   | DTY-QN-C                                                                     |           |                        | PKD-QN-BV                                   |                       |                           | Ice                             |                          |  |                 |     |              |              |   |  |



|                                                                                                                                               |                                                                |
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| RQ-2022-01-17-32                                                                                                                              | <b>Collected By:</b> Jordan Skaggs, Andrew Luering             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Jordan Skaggs, Andrew Luering |
| <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:****Location:** Oak Creek @ 68

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L) | DO<br>(%SAT)      | Temp. ©                                                                      | pH        | Sample<br>Depth<br>(m) | Secchi<br>Depth                             | Total<br>Depth<br>(m) | Sp COND<br>(µmhos<br>/cm) | Salinity<br>(PPT <sub>h</sub> ) |                          |              |                 |           |   |    |   |   |
|------------------------------------|--------------|-------------------|------------------------------------------------------------------------------|-----------|------------------------|---------------------------------------------|-----------------------|---------------------------|---------------------------------|--------------------------|--------------|-----------------|-----------|---|----|---|---|
| 1/19/2022<br>1130                  | 7.52         | 74.1              | 14.4                                                                         | 7.27      | 0.3                    | 0.7                                         | 0.7                   | 183                       | 0.09                            |                          |              |                 |           |   |    |   |   |
| 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:                                        |                       | 04/30/2022                |                                 |                          |              |                 |           |   |    |   |   |
| Metals (P-500ML)                   |              | X                 | W-ICPMS                                                                      |           | X                      | W-ICP                                       | X                     | W-HARD                    | X                               | Ice                      | X            | HNO3*           |           | X | <2 | 1 | B |
|                                    |              | Lot #             |                                                                              | NA1105100 |                        | Exp:                                        |                       | 06/07/2022                |                                 |                          |              |                 |           |   |    |   |   |
| Filtered Nutrients (P125ML)        |              | X                 | W-PO4-F                                                                      |           | X                      | Field Filtered 0.45 µm Filter               |                       |                           | X                               | Ice                      |              |                 |           |   | 1  | B |   |
|                                    |              | Filter Lot #      |                                                                              | 17232873  |                        | Syringe Lot #                               |                       | 1145471                   |                                 |                          |              |                 |           |   |    |   |   |
| 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-BR-IC / W-F / W-TSS / TURBIDITY                               |           |                        |                                             |                       |                           | Ice                             |                          |              |                 |           |   |    |   |   |
| Macroinvertebrates (PJ-2L)         |              |                   | MI-FW-QLDC                                                                   |           | Formalin Lot #         |                                             |                       |                           | Formalin                        |                          |              |                 |           |   |    |   |   |
| Periphyton (PT-50ML)               |              |                   | ALGAE-ID                                                                     |           |                        |                                             |                       |                           | Ice                             |                          |              |                 |           |   |    |   |   |
| Microbiology (Contract Lab Bottle) |              | X                 | E Coli                                                                       |           |                        | F Coli                                      |                       |                           | X                               | Ice                      |              |                 |           |   | 1  | B |   |
|                                    |              | Contract Lab      |                                                                              |           |                        |                                             |                       |                           |                                 |                          |              |                 |           |   |    |   |   |
| Molecular (QPCR-P-500ML)           |              |                   | PCR-HF183                                                                    |           |                        | PCR-BacR                                    |                       |                           |                                 | 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                                  |                       |                           | Ice                             | MCAA<br>Exp.             | MCAA<br>Lot# |                 |           |   |    |   |   |
|                                    |              |                   | W-PCL-TQ-R                                                                   |           |                        | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |                       |                           |                                 |                          |              |                 | W-CT-CL-R |   |    |   |   |
|                                    |              | W-TR-SQ-R         |                                                                              |           |                        | W-PCB-TQ-R                                  |                       |                           |                                 |                          |              |                 |           |   |    |   |   |
| Phytoplankton                      |              |                   | DTY-QN-C                                                                     |           |                        | PKD-QN-BV                                   |                       |                           |                                 | Ice                      |              |                 |           |   |    |   |   |



|                                                                                                                                               |                                                                |
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| RQ-2022-01-17-32                                                                                                                              | <b>Collected By:</b> Andrew Luering, Jordan Skaggs             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Andrew Luering, Jordan Skaggs |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                   |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G4SE0130 | <b>Comments:</b>                                               |

**Location:****Location:** Gore Branch @ 724

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|-----------------|
| 1/19/2022<br>1240   | 6.81      | 66.6      | 14.4     | 7.43 | 0.3              | 1.2          | 1.4             | 382.5               | 0.18            |

  

| Parameter Suite                    | Parameter Methods                                                            |                |                                          |             | Preservation |           | pH Check  | # Bottles sent to Lab | Bottle 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-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                |                                          |             | Ice          |           |           |                       |              |         |   |     |   |   |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |                |                                          |             | Ice          |           |           |                       |              |         |   |     |   |   |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                   | Formalin Lot # |                                          |             | Formalin     |           |           |                       |              |         |   |     |   |   |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                     |                |                                          |             | Ice          |           |           |                       |              |         |   |     |   |   |
| Microbiology (Contract Lab Bottle) | X                                                                            | E Coli         | F Coli                                   | Enterococci | x            |           |           |                       |              | Ice     | 1 | D   |   |   |
|                                    |                                                                              | Contract Lab   |                                          |             |              |           |           |                       |              |         |   |     |   |   |
| Molecular (QPCR-P-500ML)           | X                                                                            | PCR-HF183      | X                                        | PCR-BacR    | X            |           |           |                       |              | PCR-DG3 | x | Ice | 1 | D |
|                                    |                                                                              | PCR-GULL2      |                                          | PCR-GFD     |              |           |           |                       |              |         |   |     |   |   |
| Tracers (BG-500ML)                 | X                                                                            | W-E8321-DI     | X                                        | W-E8321-MS  | x            | Ice       | 1         | D                     |              |         |   |     |   |   |
| Pesticides (BG-500ML) (BG-1L)      |                                                                              | W-E8321-DI     | W-E8321-MS                               | W-PSNP-TQ   | Ice          | MCAA Exp. | MCAA Lot# |                       |              |         |   |     |   |   |
|                                    |                                                                              | W-PCL-TQ-R     | W-CARB-AA (5 ml of MCAA Buffer Solution) | W-CT-CL-R   |              |           |           |                       |              |         |   |     |   |   |
|                                    |                                                                              | W-TR-SQ-R      | W-PCB-TQ-R                               |             |              |           |           |                       |              |         |   |     |   |   |
| Phytoplankton                      |                                                                              | DTY-QN-C       | PKD-QN-BV                                |             | Ice          |           |           |                       |              |         |   |     |   |   |



|                                                                                                                                               |                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| RQ-2022-01-17-32                                                                                                                              | <b>Collected By:</b> Jordan Skaggs, Andrew Luering             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Jordan Skaggs, Andrew Luering |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                   |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G4SE0136 | <b>Comments:</b>                                               |

**Location:**  
**Location:** Chandler Slough @ NW 190th

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 |                          |     |                 |    |   |  |
|------------------------------------|--------------|------------------------------------------------------------------------------|---------|---------------------------------------------|------------------------|-----------------|-----------------------|---------------------------|-------------------|--------------------------|-----|-----------------|----|---|--|
| 1/19/2022<br>1250                  | 5.48         | 52.5                                                                         | 13.5    | 6.99                                        | 0.3                    | 1.1             | 1.1                   | 1256                      | 0.63              |                          |     |                 |    |   |  |
| Parameter Suite                    |              | Parameter Methods                                                            |         |                                             |                        | Preservation    |                       | pH<br>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-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |         |                                             |                        | Ice             |                       |                           |                   |                          |     |                 |    |   |  |
| Physical/Aggregate (Marine) (P-1L) |              | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |         |                                             |                        | Ice             |                       |                           |                   |                          |     |                 |    |   |  |
| Macroinvertebrates (PJ-2L)         |              | MI-FW-QLDC                                                                   |         | Formalin Lot #                              |                        | Formalin        |                       |                           |                   |                          |     |                 |    |   |  |
| Periphyton (PT-50ML)               |              | ALGAE-ID                                                                     |         |                                             |                        | Ice             |                       |                           |                   |                          |     |                 |    |   |  |
| Microbiology (Contract Lab Bottle) |              | X E Coli                                                                     |         | F Coli                                      |                        | Enterococci     |                       |                           |                   | x                        | Ice |                 | 1  | D |  |
|                                    |              | Contract Lab                                                                 |         |                                             |                        |                 |                       |                           |                   |                          |     |                 |    |   |  |
| Molecular (QPCR-P-500ML)           |              | X PCR-HF183                                                                  |         | X PCR-BacR                                  |                        | X PCR-DG3       |                       | x                         | Ice               |                          | 1   | D               |    |   |  |
|                                    |              | PCR-GULL2                                                                    |         | PCR-GFD                                     |                        |                 |                       |                           |                   |                          |     |                 |    |   |  |
| Tracers (BG-500ML)                 |              | X W-E8321-DI                                                                 |         | X W-E8321-MS                                |                        | x Ice           |                       |                           |                   | 1                        | D   |                 |    |   |  |
| Pesticides (BG-500ML) (BG-1L)      |              | W-E8321-DI                                                                   |         | W-E8321-MS                                  |                        | W-PSNP-TQ       |                       | Ice                       | MCAA<br>Exp.      | MCAA<br>Lot#             |     |                 |    |   |  |
|                                    |              | W-PCL-TQ-R                                                                   |         | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |                        | W-CT-CL-R       |                       |                           |                   |                          |     |                 |    |   |  |
|                                    |              | W-TR-SQ-R                                                                    |         | W-PCB-TQ-R                                  |                        |                 |                       |                           |                   |                          |     |                 |    |   |  |
| Phytoplankton                      |              | DTY-QN-C                                                                     |         | PKD-QN-BV                                   |                        |                 |                       | Ice                       |                   |                          |     |                 |    |   |  |



|                                                                                                                                               |                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| RQ-2022-01-17-32                                                                                                                              | <b>Collected By:</b> Jordan Skaggs, Andrew Luering             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Jordan Skaggs, Andrew Luering |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                   |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G4SE0145 | <b>Comments:</b>                                               |

**Location:****Location:** GORE BRANCH / CHANDLER SLOUGH @ NW 240th ST

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L) | DO<br>(%SAT)      | Temp. ©                                                                      | pH        | Sample<br>Depth<br>(m) | Secchi<br>Depth                             | Total<br>Depth<br>(m) | Sp COND<br>(µmhos<br>/cm) | Salinity<br>(PPT) |                          |       |                 |    |         |              |   |  |  |
|------------------------------------|--------------|-------------------|------------------------------------------------------------------------------|-----------|------------------------|---------------------------------------------|-----------------------|---------------------------|-------------------|--------------------------|-------|-----------------|----|---------|--------------|---|--|--|
| 1/19/2022<br>1315                  | 6.75         | 69.8              | 16.3                                                                         | 7.19      | 0.3                    | 0.8                                         | 0.8                   | 1194                      | 0.6               |                          |       |                 |    |         |              |   |  |  |
| 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 | 1172328 | A            |   |  |  |
|                                    |              | Lot #             |                                                                              | SA1105060 |                        | Exp:                                        |                       | 04/30/2022                |                   |                          |       |                 |    |         |              |   |  |  |
| Metals (P-500ML)                   |              |                   | W-ICPMS                                                                      |           |                        | W-ICP                                       |                       |                           | 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 #      |                                                                              | 17232873  |                        | Syringe Lot #                               |                       | 1145471                   |                   |                          |       |                 |    |         |              |   |  |  |
| BOD (BP-1L)                        |              |                   | OV-BODUNIN                                                                   |           |                        |                                             |                       |                           | Ice               |                          |       |                 |    |         |              |   |  |  |
| Chlorophyll (BP-1L)                |              | X                 | CHLSUITE-W                                                                   |           |                        |                                             |                       | X                         | Ice               |                          |       |                 |    |         | 1            | A |  |  |
| Physical/Aggregate (Fresh) (P-1L)  |              | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |           |                        |                                             |                       | X                         | Ice               |                          |       |                 |    |         | 1            | A |  |  |
| Physical/Aggregate (Marine) (P-1L) |              |                   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |           |                        |                                             |                       |                           | Ice               |                          |       |                 |    |         |              |   |  |  |
| Macroinvertebrates (PJ-2L)         |              |                   | MI-FW-QLDC                                                                   |           | Formalin Lot #         |                                             |                       |                           |                   | Formalin                 |       |                 |    |         |              |   |  |  |
| Periphyton (PT-50ML)               |              |                   | ALGAE-ID                                                                     |           |                        |                                             |                       |                           | Ice               |                          |       |                 |    |         |              |   |  |  |
| Microbiology (Contract Lab Bottle) |              | X                 | E Coli                                                                       |           |                        | F Coli                                      |                       |                           | Enterococci       |                          | X     | Ice             |    |         | 1            | A |  |  |
|                                    |              | Contract Lab      |                                                                              |           |                        |                                             |                       |                           |                   |                          |       |                 |    |         |              |   |  |  |
| Molecular (QPCR-P-500ML)           |              |                   | PCR-HF183                                                                    |           |                        | PCR-BacR                                    |                       |                           | PCR-DG3           |                          |       | Ice             |    |         |              |   |  |  |
|                                    |              | PCR-GULL2         |                                                                              |           | PCR-GFD                |                                             |                       |                           |                   |                          |       |                 |    |         |              |   |  |  |
| Tracers (BG-500ML)                 |              |                   | W-E8321-DI                                                                   |           |                        | W-E8321-MS                                  |                       |                           |                   | Ice                      |       |                 |    |         |              |   |  |  |
| Pesticides (BG-500ML) (BG-1L)      |              |                   | W-E8321-DI                                                                   |           |                        | W-E8321-MS                                  |                       |                           | W-PSNP-TQ         |                          | Ice   | MCAA<br>Exp.    |    |         | MCAA<br>Lot# |   |  |  |
|                                    |              |                   | W-PCL-TQ-R                                                                   |           |                        | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |                       |                           | W-CT-CL-R         |                          |       |                 |    |         |              |   |  |  |
|                                    |              | W-TR-SQ-R         |                                                                              |           | W-PCB-TQ-R             |                                             |                       |                           |                   |                          |       |                 |    |         |              |   |  |  |
| Phytoplankton                      |              |                   | DTY-QN-C                                                                     |           |                        | PKD-QN-BV                                   |                       |                           |                   | Ice                      |       |                 |    |         |              |   |  |  |



|                                                                                                                                               |                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| RQ-2022-01-17-32                                                                                                                              | <b>Collected By:</b> Jordan Skaggs, Andrew Luering             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Jordan Skaggs, Andrew Luering |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                   |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G4SE0143 | <b>Comments:</b>                                               |

**Location:****Location:** Chandler Slough @ NW 160th Dr.

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L) | DO<br>(%SAT)      | Temp. ©                                                                      | pH        | Sample<br>Depth<br>(m) | Secchi<br>Depth                             | Total<br>Depth<br>(m) | Sp COND<br>(µmhos<br>/cm) | Salinity<br>(PPT <sub>h</sub> ) |                          |                 |              |              |   |   |  |
|------------------------------------|--------------|-------------------|------------------------------------------------------------------------------|-----------|------------------------|---------------------------------------------|-----------------------|---------------------------|---------------------------------|--------------------------|-----------------|--------------|--------------|---|---|--|
| 1/19/2022<br>1100                  | 6.83         | 65.2              | 12.7                                                                         | 7.06      | 0.3                    | 0.9                                         | 0.9                   | 646                       | 0.32                            |                          |                 |              |              |   |   |  |
| Parameter Suite                    |              | Parameter Methods |                                                                              |           |                        | Preservation                                |                       | pH<br>Check               |                                 | # Bottles<br>sent to Lab | Bottle<br>Group |              |              |   |   |  |
| Preserved Nutrients (P-500ML)      |              | X                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |           |                        | X                                           | Ice                   | X                         | H2SO4*                          | X                        | <2              | 1            | A            |   |   |  |
|                                    |              | Lot #             |                                                                              | SA1105060 |                        | Exp:                                        |                       | 04/30/2022                |                                 |                          |                 |              |              |   |   |  |
| Metals (P-500ML)                   |              |                   | W-ICPMS                                                                      |           |                        | W-ICP                                       |                       |                           | 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 #      |                                                                              | 17232873  |                        | Syringe Lot #                               |                       | 1145471                   |                                 |                          |                 |              |              |   |   |  |
| BOD (BP-1L)                        |              |                   | OV-BODUNIN                                                                   |           |                        |                                             |                       | Ice                       |                                 |                          |                 |              |              |   |   |  |
| Chlorophyll (BP-1L)                |              | X                 | CHLSUITE-W                                                                   |           |                        |                                             | X                     | Ice                       |                                 |                          | 1               |              |              | A |   |  |
| Physical/Aggregate (Fresh) (P-1L)  |              | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |           |                        |                                             | X                     | Ice                       |                                 |                          | 1               |              |              | A |   |  |
| Physical/Aggregate (Marine) (P-1L) |              |                   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |           |                        |                                             |                       | Ice                       |                                 |                          |                 |              |              |   |   |  |
| Macroinvertebrates (PJ-2L)         |              |                   | MI-FW-QLDC                                                                   |           | Formalin Lot #         |                                             |                       | Formalin                  |                                 |                          |                 |              |              |   |   |  |
| Periphyton (PT-50ML)               |              |                   | ALGAE-ID                                                                     |           |                        |                                             |                       | Ice                       |                                 |                          |                 |              |              |   |   |  |
| Microbiology (Contract Lab Bottle) |              | X                 | E Coli                                                                       |           |                        | F Coli                                      |                       |                           | Enterococci                     | X                        | Ice             |              |              | 1 | A |  |
|                                    |              | Contract Lab      |                                                                              |           |                        |                                             |                       |                           |                                 |                          |                 |              |              |   |   |  |
| Molecular (QPCR-P-500ML)           |              |                   | PCR-HF183                                                                    |           |                        | PCR-BacR                                    |                       |                           | PCR-DG3                         |                          | Ice             |              |              |   |   |  |
|                                    |              | PCR-GULL2         |                                                                              |           | PCR-GFD                |                                             |                       |                           |                                 |                          |                 |              |              |   |   |  |
| Tracers (BG-500ML)                 |              |                   | W-E8321-DI                                                                   |           |                        | W-E8321-MS                                  |                       |                           |                                 | Ice                      |                 |              |              |   |   |  |
| Pesticides (BG-500ML) (BG-1L)      |              |                   | W-E8321-DI                                                                   |           |                        | W-E8321-MS                                  |                       |                           | W-PSNP-TQ                       |                          | Ice             | MCAA<br>Exp. | MCAA<br>Lot# |   |   |  |
|                                    |              |                   | W-PCL-TQ-R                                                                   |           |                        | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |                       |                           |                                 | W-CT-CL-R                |                 |              |              |   |   |  |
|                                    |              | W-TR-SQ-R         |                                                                              |           | W-PCB-TQ-R             |                                             |                       |                           |                                 |                          |                 |              |              |   |   |  |
| Phytoplankton                      |              |                   | DTY-QN-C                                                                     |           |                        | PKD-QN-BV                                   |                       |                           |                                 | Ice                      |                 |              |              |   |   |  |