

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 3/19/2024  
**Customer:** SO-DIST  
**RQ:** RQ-2023-03-18-32

**Collected By:** Samantha Gelinas, Monica Jaeger  
**Sampling Agency:** FDEP  
**Project ID:** SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL  
FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

**Number of Coolers Shipped:** 3

**Delivery Method:** FedEx

**FIELD ID (Labels) submitted under this RQ for this collection date.**

| Site Location                   | Field ID/WIN ID                                                                                  |
|---------------------------------|--------------------------------------------------------------------------------------------------|
| MYRTLE SLOUGH AT SR 31          | <br>G3SD0097   |
| MYRTLE SLOUGH AT PINE ISLAND ST | <br>G3SD0095   |
| HOG BAY AT CR 763               | <br>G3SD0096 |
| HORSE CREEK                     | <br>G3SD0157 |
| HAWTHORNE CREEK AT REYNOLDS ST  | <br>G3SD0011 |
| JOSHUACREEKATAIRPORTAVE         | <br>G3SD0184 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 3/19/2024  
1500 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:**

**Rec'd/Inspected  
Date:**



|                                                             |                                                                           |
|-------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-03-18-32                                            | <b>Collected By:</b> Samantha Gelinas, Monica Jaeger                      |
| <b>Customer:</b> FDEP                                       | <b>Field Report Prepared by:</b> Samantha Gelinas, Monica Jaeger          |
| <b>Project ID:</b> SMP                                      | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b><br><b>WIN ID/Field ID:</b> G3SD0097 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** MYRTLE SLOUGH AT SR 31

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 (PPT)          |                     |    |   |
|------------------------------------|----------------------------------------------------------------------------|----------------|-----------------------------------|------------------------------------------|------------------|--------------|-----------------|-----------------------|-------------------------|---------------------|----|---|
| 3/19/2024<br>835                   | 5.9                                                                        | 67.3           | 21.7                              | 7.42                                     | 0.2              | 0.4          | 0.4             | 871                   | 0.43                    |                     |    |   |
| 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              |              | <2              |                       |                         |                     |    |   |
|                                    | Lot #                                                                      |                | Exp:                              |                                          |                  |              |                 |                       |                         |                     |    |   |
| Metals (P-500ML)                   | W-ICPMS                                                                    |                | W-ICP                             | W-HARD                                   | Ice              |              | <2              |                       |                         |                     |    |   |
|                                    | Lot #                                                                      |                | Exp:                              |                                          |                  |              |                 |                       |                         |                     |    |   |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                    |                | Field Filtered 0.45 µm Filter     |                                          |                  | Ice          |                 |                       |                         |                     |    |   |
|                                    | Filter Lot #                                                               | Syringe Lot #  |                                   |                                          |                  |              |                 |                       |                         |                     |    |   |
| BOD (BP-1L)                        | OV-BODUNIN                                                                 |                |                                   |                                          | Ice              |              |                 |                       |                         |                     |    |   |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                 |                |                                   |                                          | Ice              |              |                 |                       |                         |                     |    |   |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |                |                                   |                                          | Ice              |              |                 |                       |                         |                     |    |   |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY                                       |                |                                   |                                          | Ice              |              |                 |                       |                         |                     |    |   |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                 | Formalin Lot # |                                   | Formalin                                 |                  |              |                 |                       |                         |                     |    |   |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                   |                |                                   |                                          | Ice              |              |                 |                       |                         |                     |    |   |
| Microbiology (Contract Lab Bottle) | X                                                                          | E Coli         | F Coli                            | Enterococci                              | x                | Ice          |                 |                       |                         | 1                   | A  |   |
|                                    | X                                                                          | Contract Lab   |                                   |                                          |                  |              |                 |                       |                         |                     |    |   |
| Molecular (QPCR-P-500ML)           |                                                                            | PCR-HF183      | PCR-BacR                          | PCR-DG3                                  |                  | Ice          |                 |                       |                         |                     |    |   |
|                                    |                                                                            | PCR-GULL2      | PCR-GFD                           |                                          |                  |              |                 |                       |                         |                     |    |   |
| Tracers (BG-500ML)                 |                                                                            | W-E8321-DI     | W-E8321-MS                        |                                          |                  | Ice          |                 |                       |                         |                     |    |   |
| Pesticides (BG-500ML) (BG-1L)      | X                                                                          | W-E8321-DI     | X                                 | W-E8321-MS                               | X                | W-PSNP-TQ    | x               | Ice                   | MCAA Exp.<br>10/15/2024 | MCAA Lot#<br>145923 | 10 | A |
|                                    | X                                                                          | W-PCL-TQ-R     | X                                 | W-CARB-AA (5 ml of MCAA Buffer Solution) | X                | W-CT-CL-R    |                 |                       |                         |                     |    |   |
|                                    | X                                                                          | W-TR-SQ-R      | X                                 | 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          | H2SO4*          | <2                    |                         |                     |    |   |
|                                    |                                                                            |                | Acid Preservative Expiration Date |                                          |                  |              |                 |                       |                         |                     |    |   |
|                                    |                                                                            |                | Acid Preservative Lot Number      |                                          |                  |              |                 |                       |                         |                     |    |   |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-03-18-32                                                                                                                              | <b>Collected By:</b> Samantha Gelinas, Monica Jaeger                      |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Samantha Gelinas, Monica Jaeger          |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3SD0095 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** MYRTLE SLOUGH AT PINE ISLAND ST

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 (PPT)        |              |   |    |   |   |   |
|------------------------------------|----------------------------------------------------------------------------|-----------------------------------|------------------------------------------|--------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|---|----|---|---|---|
| 3/19/2024<br>905                   | 3.53                                                                       | 40.8                              | 21.4                                     | 6.97   | 0.05             | 0.1          | 0.1             | 617                 | 0.3                   |              |   |    |   |   |   |
| 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)                   | x                                                                          | W-ICPMS                           | x                                        | W-ICP  | x                | W-HARD       | x               | Ice                 | x                     | HNO3*        | X | <2 | 1 | B |   |
|                                    | Lot #                                                                      |                                   | NA3123030                                |        | Exp:             |              | 05/10/2024      |                     |                       |              |   |    |   |   |   |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                    |                                   | Field Filtered 0.45 µm Filter            |        |                  | Ice          |                 |                     |                       |              |   |    |   |   |   |
|                                    | Filter Lot #                                                               |                                   | Syringe Lot #                            |        |                  |              |                 |                     |                       |              |   |    |   |   |   |
| BOD (BP-1L)                        | OV-BODUNIN                                                                 |                                   |                                          |        | Ice              |              |                 |                     |                       |              |   |    |   |   |   |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                 |                                   |                                          |        | Ice              |              |                 |                     |                       |              |   |    |   |   |   |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |                                   |                                          |        | Ice              |              |                 |                     |                       |              |   |    |   |   |   |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY                                       |                                   |                                          |        | Ice              |              |                 |                     |                       |              |   |    |   |   |   |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                 |                                   | Formalin Lot #                           |        | Formalin         |              |                 |                     |                       |              |   |    |   |   |   |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                   |                                   |                                          |        | Ice              |              |                 |                     |                       |              |   |    |   |   |   |
| Microbiology (Contract Lab Bottle) | X                                                                          | E Coli                            |                                          | F Coli |                  | Enterococci  | x               | Ice                 |                       |              |   |    |   | 1 | B |
|                                    | X                                                                          | Contract Lab                      |                                          |        |                  |              |                 |                     |                       |              |   |    |   |   |   |
| Molecular (QPCR-P-500ML)           | PCR-HF183                                                                  |                                   | PCR-BacR                                 |        | PCR-DG3          |              | Ice             |                     |                       |              |   |    |   |   |   |
|                                    | PCR-GULL2                                                                  |                                   | PCR-GFD                                  |        |                  |              |                 |                     |                       |              |   |    |   |   |   |
| Tracers (BG-500ML)                 | W-E8321-DI                                                                 |                                   | W-E8321-MS                               |        | Ice              |              |                 |                     |                       |              |   |    |   |   |   |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI                                                                 |                                   | W-E8321-MS                               |        | 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              |              |                 |                     |                       | <2           |   |    |   |   |   |
| DOC (P-500ML)                      | W-DOC                                                                      | Field Filtered 0.45 µm Filter     |                                          | Ice    |                  | H2SO 4*      |                 |                     |                       |              |   |    |   |   |   |
|                                    |                                                                            | Acid Preservative Expiration Date |                                          |        |                  |              |                 |                     |                       |              |   |    |   |   |   |
|                                    |                                                                            | Acid Preservative Lot Number      |                                          |        |                  |              |                 |                     |                       |              |   |    |   |   |   |



|                                                             |                                                                           |
|-------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-03-18-32                                            | <b>Collected By:</b> Samantha Gelinas, Monica Jaeger                      |
| <b>Customer:</b> FDEP                                       | <b>Field Report Prepared by:</b> Samantha Gelinas, Monica Jaeger          |
| <b>Project ID:</b> SMP                                      | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b><br><b>WIN ID/Field ID:</b> G3SD0096 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** HOG BAY AT CR 763

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 (PPT <sub>h</sub> ) |              |
|------------------------------------|----------------------------------------------------------------------------|-----------------------------------|------------------------------------------|-------------|------------------|--------------|-----------------|---------------------|------------------------------|--------------|
| 3/19/2024 930                      | 5.15                                                                       | 59.3                              | 20.8                                     | 7.12        | 0.15             | 0.3          | 0.3             | 849                 | 0.42                         |              |
| 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-CHC / W-COLOR / W-SO4-IC / W- TDS |                                   |                                          |             | Ice              |              |                 |                     |                              |              |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY                                       |                                   |                                          |             | Ice              |              |                 |                     |                              |              |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                 |                                   | Formalin Lot #                           |             | Formalin         |              |                 |                     |                              |              |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                   |                                   |                                          |             | Ice              |              |                 |                     |                              |              |
| Microbiology (Contract Lab Bottle) | X                                                                          | E Coli                            | F Coli                                   | Enterococci | x                | Ice          |                 |                     | 1                            | C            |
|                                    | X                                                                          | Contract Lab                      |                                          |             |                  |              |                 |                     |                              |              |
| Molecular (QPCR-P-500ML)           | PCR-HF183                                                                  |                                   | PCR-BacR                                 | PCR-DG3     | Ice              |              |                 |                     |                              |              |
|                                    | PCR-GULL2                                                                  |                                   | PCR-GFD                                  |             |                  |              |                 |                     |                              |              |
| Tracers (BG-500ML)                 | W-E8321-DI                                                                 |                                   | W-E8321-MS                               |             | Ice              |              |                 |                     |                              |              |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI                                                                 |                                   | W-E8321-MS                               |             | Ice              | MCAA Exp.    | MCAA Lot#       |                     |                              |              |
|                                    | W-PCL-TQ-R                                                                 |                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) |             |                  |              |                 |                     |                              |              |
|                                    | W-TR-SQ-R                                                                  |                                   | W-PCB-TQ-R                               |             |                  |              |                 |                     |                              |              |
| Phytoplankton (BP-1L)              | DTY-QN-C                                                                   |                                   | PKD-QN-BV                                |             | Ice              |              |                 |                     |                              |              |
| DOC (P-500ML)                      | W-DOC                                                                      | Field Filtered 0.45 µm Filter     |                                          | Ice         | H2SO4*           |              | <2              |                     |                              |              |
|                                    |                                                                            | Acid Preservative Expiration Date |                                          |             |                  |              |                 |                     |                              |              |
|                                    |                                                                            | Acid Preservative Lot Number      |                                          |             |                  |              |                 |                     |                              |              |

|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3SD0157 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|

Matrix: Fresh

(Check One)    ☒ Grab    ☐ Composite

| Parameter Suite                    | Parameter Methods                 |                                                                              |           |                |                                          |            |            |             | Preservation |     |        | pH Check  |           | # Bottles sent to Lab | Bottle Group |  |   |   |   |  |
|------------------------------------|-----------------------------------|------------------------------------------------------------------------------|-----------|----------------|------------------------------------------|------------|------------|-------------|--------------|-----|--------|-----------|-----------|-----------------------|--------------|--|---|---|---|--|
| Preserved Nutrients (P-500ML)      | X                                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |           |                |                                          |            |            | X           | Ice          | X   | H2SO4* | X         | <2        | 1                     | F            |  |   |   |   |  |
|                                    | Lot #                             |                                                                              | SA3340020 |                | Exp:                                     |            | 12/11/2024 |             |              |     |        |           |           |                       |              |  |   |   |   |  |
| Metals (P-500ML)                   |                                   | W-ICPMS                                                                      |           |                | W-ICP                                    |            |            | W-HARD      |              |     | Ice    |           | HNO3*     |                       | <2           |  |   |   |   |  |
|                                    | Lot #                             |                                                                              |           |                | Exp:                                     |            |            |             |              |     |        |           |           |                       |              |  |   |   |   |  |
| Filtered Nutrients (P125ML)        |                                   | W-PO4-F                                                                      |           |                | Field Filtered 0.45 um Filter            |            |            |             |              | Ice |        |           |           |                       |              |  |   |   |   |  |
|                                    | Filter Lot #                      |                                                                              |           |                | Syringe Lot #                            |            |            |             |              |     |        |           |           |                       |              |  |   |   |   |  |
| BOD (BP-1L)                        |                                   | OV-BODUNIN                                                                   |           |                |                                          |            |            |             | Ice          |     |        |           |           |                       |              |  |   |   |   |  |
| Chlorophyll (BP-1L)                | X                                 | CHLSUITE-W                                                                   |           |                |                                          |            |            | X           | Ice          |     |        |           |           |                       |              |  | 1 | F |   |  |
| Physical/Aggregate (Fresh) (P-1L)  | X                                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |           |                |                                          |            |            | X           | Ice          |     |        |           |           |                       |              |  | 1 | F |   |  |
| Physical/Aggregate (Marine) (P-1L) |                                   | Alkalinity / W-F / W-TSS / TURBIDITY                                         |           |                |                                          |            |            |             | Ice          |     |        |           |           |                       |              |  |   |   |   |  |
| Macroinvertebrates (PJ-2L)         |                                   | MI-FW-QLDC                                                                   |           | Formalin Lot # |                                          |            |            |             | Formalin     |     |        |           |           |                       |              |  |   |   |   |  |
| Periphyton (PT-50ML)               |                                   | ALGAE-ID                                                                     |           |                |                                          |            |            |             | Ice          |     |        |           |           |                       |              |  |   |   |   |  |
| Microbiology (Contract Lab Bottle) | X                                 | E Coli                                                                       |           |                | F Coli                                   |            |            | Enterococci |              | X   | Ice    |           |           |                       |              |  |   | 1 | F |  |
|                                    | X                                 | Contract Lab                                                                 |           |                |                                          |            |            |             |              |     |        |           |           |                       |              |  |   |   |   |  |
| Molecular (QPCR-P-500ML)           |                                   | PCR-HF183                                                                    |           |                | PCR-BacR                                 |            |            | PCR-DG3     |              |     | Ice    |           |           |                       |              |  |   |   |   |  |
|                                    |                                   | PCR-GULL2                                                                    |           |                | PCR-GFD                                  |            |            |             |              |     |        |           |           |                       |              |  |   |   |   |  |
| Tracers (BG-500ML)                 |                                   | W-E8321-DI                                                                   |           |                | W-E8321-MS                               |            |            |             |              | Ice |        |           |           |                       |              |  |   |   |   |  |
| Pesticides (BG-500ML) (BG-1L)      |                                   | W-E8321-DI                                                                   |           |                | W-E8321-MS                               |            |            | W-PSNP-TQ   |              | X   | Ice    | MCAA Exp. | MCAA Lot# | 2                     | F            |  |   |   |   |  |
|                                    | X                                 | W-PCL-TQ-R                                                                   |           |                | W-CARB-AA (5 ml of MCAA Buffer Solution) |            | X          | W-CT-CL-R   |              |     |        |           |           |                       |              |  |   |   |   |  |
|                                    |                                   | W-TR-SQ-R                                                                    |           |                | X                                        | 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-2023-03-18-32                                            | <b>Collected By:</b> Samantha Gelinas, Monica Jaeger                      |
| <b>Customer:</b> FDEP                                       | <b>Field Report Prepared by:</b> Samantha Gelinas, Monica Jaeger          |
| <b>Project ID:</b> SMP                                      | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b><br><b>WIN ID/Field ID:</b> G3SD0011 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** HAWTHORNE CREEK AT REYNOLDS ST

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 (PPT)        |              |   |   |
|------------------------------------|----------------------------------------------------------------------------|--------------|-----------------------------------|------------------------------------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|---|---|
| 3/19/2024 955                      | 6.78                                                                       | 77.1         | 21.5                              | 7.45                                     | 0.2              | 0.4          | 0.4             | 1026                | 0.51                  |              |   |   |
| 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*                 |              |   |   |
|                                    | Lot #                                                                      |              | Exp:                              |                                          |                  |              |                 |                     | <2                    |              |   |   |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                    |              | Field Filtered 0.45 µm Filter     |                                          |                  | Ice          |                 |                     |                       |              |   |   |
|                                    | Filter Lot #                                                               |              | Syringe Lot #                     |                                          |                  |              |                 |                     |                       |              |   |   |
| BOD (BP-1L)                        | OV-BODUNIN                                                                 |              |                                   |                                          | Ice              |              |                 |                     |                       |              |   |   |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                 |              |                                   |                                          | Ice              |              |                 |                     |                       |              |   |   |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |              |                                   |                                          | Ice              |              |                 |                     |                       |              |   |   |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY                                       |              |                                   |                                          | Ice              |              |                 |                     |                       |              |   |   |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                 |              | Formalin Lot #                    |                                          | Formalin         |              |                 |                     |                       |              |   |   |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                   |              |                                   |                                          | Ice              |              |                 |                     |                       |              |   |   |
| Microbiology (Contract Lab Bottle) | X                                                                          | E Coli       |                                   | F Coli                                   |                  | Enterococci  | x               | Ice                 |                       | 1            | E |   |
|                                    | X                                                                          | Contract Lab |                                   |                                          |                  |              |                 |                     |                       |              |   |   |
| Molecular (QPCR-P-500ML)           | X                                                                          | PCR-HF183    | X                                 | PCR-BacR                                 | X                | PCR-DG3      | x               | Ice                 |                       | 1            | E |   |
|                                    |                                                                            | PCR-GULL2    |                                   | PCR-GFD                                  |                  |              |                 |                     |                       |              |   |   |
| Tracers (BG-500ML)                 | W-E8321-DI                                                                 |              | W-E8321-MS                        |                                          | Ice              |              |                 |                     |                       |              |   |   |
| Pesticides (BG-500ML) (BG-1L)      | X                                                                          | W-E8321-DI   | X                                 | W-E8321-MS                               | X                | W-PSNP-TQ    | x               | Ice                 | MCAA Exp.             | MCAA Lot#    | 6 | E |
|                                    | X                                                                          | W-PCL-TQ-R   | X                                 | W-CARB-AA (5 ml of MCAA Buffer Solution) | X                | W-CT-CL-R    |                 |                     | 10/15/2024            | 145293       |   |   |
|                                    | X                                                                          | W-TR-SQ-R    | X                                 | 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              |              | H2SO4*          |                     | <2                    |              |   |   |
|                                    |                                                                            |              | Acid Preservative Expiration Date |                                          |                  |              |                 |                     |                       |              |   |   |
|                                    |                                                                            |              | Acid Preservative Lot Number      |                                          |                  |              |                 |                     |                       |              |   |   |



|                                                             |                                                                           |
|-------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-03-18-32                                            | <b>Collected By:</b> Samantha Gelinas, Monica Jaeger                      |
| <b>Customer:</b> FDEP                                       | <b>Field Report Prepared by:</b> Samantha Gelinas, Monica Jaeger          |
| <b>Project ID:</b> SMP                                      | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b><br><b>WIN ID/Field ID:</b> G3SD0184 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** JOSHUACREEKATAIRPORTAVE

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 (PPT)        |              |   |   |  |
|------------------------------------|----------------------------------------------------------------------------|---------------|------------------------------------------|------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|---|---|--|
| 3/19/2024 940                      | 7.73                                                                       | 87.4          | 21.3                                     | 7.31       | 0.3              | 0.6          | 0.6             | 573                 | 0.28                  |              |   |   |  |
| 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*                 |              |   |   |  |
|                                    | Lot #                                                                      |               | Exp:                                     |            |                  |              |                 |                     | <2                    |              |   |   |  |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                    |               | Field Filtered 0.45 µm Filter            |            |                  | Ice          |                 |                     |                       |              |   |   |  |
|                                    | Filter Lot #                                                               | Syringe Lot # |                                          |            |                  |              |                 |                     |                       |              |   |   |  |
| BOD (BP-1L)                        | OV-BODUNIN                                                                 |               |                                          |            | Ice              |              |                 |                     |                       |              |   |   |  |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                 |               |                                          |            | Ice              |              |                 |                     |                       |              |   |   |  |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |               |                                          |            | Ice              |              |                 |                     |                       |              |   |   |  |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY                                       |               |                                          |            | Ice              |              |                 |                     |                       |              |   |   |  |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                 |               | Formalin Lot #                           |            | Formalin         |              |                 |                     |                       |              |   |   |  |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                   |               |                                          |            | Ice              |              |                 |                     |                       |              |   |   |  |
| Microbiology (Contract Lab Bottle) | X                                                                          | E Coli        | F Coli                                   |            | Enterococci      |              | x Ice           |                     |                       |              | 1 | D |  |
|                                    | X                                                                          | 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)                 | W-E8321-DI                                                                 |               | W-E8321-MS                               |            |                  | Ice          |                 |                     |                       |              |   |   |  |
| Pesticides (BG-500ML) (BG-1L)      | X                                                                          | W-E8321-DI    | X                                        | W-E8321-MS | W-PSNP-TQ        |              | MCAA Exp.       |                     | MCAA Lot#             | 3            | D |   |  |
|                                    | X                                                                          | W-PCL-TQ-R    | W-CARB-AA (5 ml of MCAA Buffer Solution) |            | X                | W-CT-CL-R    |                 |                     |                       |              |   |   |  |
|                                    |                                                                            | W-TR-SQ-R     | X                                        | 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          |                 | H2SO4*              |                       | <2           |   |   |  |
|                                    |                                                                            |               | Acid Preservative Expiration Date        |            |                  |              |                 |                     |                       |              |   |   |  |
|                                    |                                                                            |               | Acid Preservative Lot Number             |            |                  |              |                 |                     |                       |              |   |   |  |