

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 5/1/2023 **Collected By:** Jordan Skaggs, Andrew Luering  
**Customer:** \_\_\_\_\_ **Sampling Agency:** FDEP  
**RQ:** RQ-2023-04-24-29 **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                                                                                     |
|---------------------------------|-----------------------------------------------------------------------------------------------------|
| GOMEZ CREEK NORTH AT 441        | <br>G3SE0046      |
| FORT DRUM CREEK AT 304TH STREET | <br>G3SE0012      |
| FORT DRUM CREEK AT 441          | <br>G3SE0024    |
| LEMKIN CREEK AT 78              | <br>G1SE0026    |
| TAYLOR CREEK AT 98              | <br>G1SE0025    |
| FB                              | <br>FB_05012023 |
| LETTUCE CREEK AT 710            | <br>G1SE0015    |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 5/1/2023 1600  
EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:**

**Rec'd/Inspected  
Date:**



|                                                                                                                                               |                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| RQ-2023-04-24-29                                                                                                                              | <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> G3SE0046 | <b>Comments:</b>                                               |

Location: GOMEZ CREEK NORTH AT 441

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)        |              |    |   |  |
|------------------------------------|-----------------------------------|----------------------------------------------------------------------------|------------------------------------------|-------------------------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|----|---|--|
| 5/1/2023<br>930                    | 4.65                              | 52.1                                                                       | 20.9                                     | 5.87                          | 0.05             | 0.1          | 0.1             | 101                 | 0.05                  |              |    |   |  |
| Parameter Suite                    | Parameter Methods                 |                                                                            |                                          |                               | Preservation     |              | pH Check        |                     | # Bottles sent to Lab | Bottle Group |    |   |  |
| Preserved Nutrients (P-500ML)      | X                                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                |                                          |                               | X                | Ice          | X               | H2SO4*              | X                     | <2           | 1  | A |  |
|                                    |                                   | Lot #                                                                      |                                          | SA2299040                     | Exp:             | 11/04/2023   |                 |                     |                       |              |    |   |  |
| Metals (P-500ML)                   |                                   | W-ICPMS                                                                    |                                          | W-ICP                         | W-HARD           |              | Ice             |                     | HNO3*                 |              | <2 |   |  |
|                                    |                                   | Lot #                                                                      |                                          | Exp:                          |                  |              |                 |                     |                       |              |    |   |  |
| Filtered Nutrients (P125ML)        |                                   | W-PO4-F                                                                    |                                          | Field Filtered 0.45 µm Filter |                  |              | Ice             |                     |                       |              |    |   |  |
|                                    |                                   | Filter Lot #                                                               | Syringe Lot #                            |                               |                  |              |                 |                     |                       |              |    |   |  |
| BOD (BP-1L)                        |                                   | OV-BODUNIN                                                                 |                                          |                               |                  |              | Ice             |                     |                       |              |    |   |  |
| Chlorophyll (BP-1L)                | X                                 | CHLSUITE-W                                                                 |                                          |                               |                  | X            | Ice             |                     |                       | 1            | A  |   |  |
| Physical/Aggregate (Fresh) (P-1L)  | X                                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |                                          |                               |                  | X            | Ice             |                     |                       | 1            | A  |   |  |
| 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  |   |  |
|                                    |                                   | 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                      |                                   | DTY-QN-C                                                                   | PKD-QN-BV                                |                               |                  |              | Ice             |                     |                       |              |    |   |  |
| DOC                                |                                   | W-DOC                                                                      | Field Filtered 0.45 µm Filter            |                               |                  | Ice          |                 | H2SO4*              |                       | <2           |    |   |  |
|                                    | Acid Preservative Expiration Date |                                                                            |                                          |                               |                  |              |                 |                     |                       |              |    |   |  |
|                                    | Acid Preservative Lot Number      |                                                                            |                                          |                               |                  |              |                 |                     |                       |              |    |   |  |

|                        |                                                                |
|------------------------|----------------------------------------------------------------|
| RQ-2023-04-24-29       | <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                                   |

|                                                                                                    |           |
|----------------------------------------------------------------------------------------------------|-----------|
| WIN ID/Field ID:  | Comments: |
| WIN ID/Field ID: G3SE0012                                                                          |           |

Matrix: Fresh

(Check One)

✓ Grab

☐ Composite

| Date and Time<br>{EST} | DO<br>(mg/L) | DO<br>(%SAT) | Temp. °C | pH   | Sample<br>Depth (m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos /cm) | Salinity<br>(PPT <sub>h</sub> ) |
|------------------------|--------------|--------------|----------|------|---------------------|-----------------|-----------------------|------------------------|---------------------------------|
| 5/1/2023<br>945        | 2.29         | 26.7         | 22.9     | 6.92 | 0.3                 | 0.6             | 1.27                  | 183.3                  | 0.09                            |

| 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 | D |   |  |
|                                    | Lot #                             |                                                                              |  | NA2126030      |                                          |            | Exp: |             | 06/02/2023   |     |     |           |           |                       |              |   |   |   |  |
| 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)                |                                   | 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-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)           |                                   | 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                      |                                   | DTY-QN-C                                                                     |  |                | PKD-QN-BV                                |            |      |             |              | Ice |     |           |           |                       |              |   |   |   |  |
| DOC                                |                                   | W-DOC                                                                        |  |                | Field Filtered 0.45 um Filter            |            |      |             |              | Ice |     | H2SO 4*   |           | <2                    |              |   |   |   |  |
|                                    | Acid Preservative Expiration Date |                                                                              |  |                |                                          |            |      |             |              |     |     |           |           |                       |              |   |   |   |  |
|                                    | Acid Preservative Lot Number      |                                                                              |  |                |                                          |            |      |             |              |     |     |           |           |                       |              |   |   |   |  |



|                                                                                                                                               |                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| RQ-2023-04-24-29                                                                                                                              | <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> G3SE0024 | <b>Comments:</b>                                               |

**Location:** FORT DRUM CREEK AT 441

**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)        |              |   |   |  |
|------------------------------------|----------------------------------------------------------------------------|---------------|------------------------------------------|-------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|---|---|--|
| 5/1/2023 1000                      | 0.7                                                                        | 8.3           | 22.2                                     | 6.27        | 0.27             | 0.2          | 0.55            | 183.1               | 0.09                  |              |   |   |  |
| 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 |  |
|                                    | 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                      | DTY-QN-C                                                                   |               | PKD-QN-BV                                |             | Ice              |              |                 |                     |                       |              |   |   |  |
| DOC                                | W-DOC                                                                      |               | Field Filtered 0.45 µm Filter            |             | Ice              |              | H2SO4*          |                     | <2                    |              |   |   |  |
|                                    |                                                                            |               | Acid Preservative Expiration Date        |             |                  |              |                 |                     |                       |              |   |   |  |
|                                    |                                                                            |               | Acid Preservative Lot Number             |             |                  |              |                 |                     |                       |              |   |   |  |



|                                                             |                                                                                                                |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| RQ-2023-04-24-29                                            | <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> G1SE0026 | <b>Comments:</b> Please log in PKD-QN-BV & DTY-QN-C under a separate event with priority 12, Bottle Group - F. |

**Location:** LEMKIN CREEK AT 78

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 (PPTth)      |              |   |   |
|------------------------------------|-----------------------------------|----------------------------------------------------------------------------|------------------------------------------|---------------|-------------------------------|--------------|-----------------|---------------------|-----------------------|--------------|---|---|
| 5/1/2023 1045                      | 6.25                              | 75.8                                                                       | 24.7                                     | 7.52          | 0.11                          | 0.22         | 0.22            | 870                 | 0.43                  |              |   |   |
| 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 | C |
|                                    |                                   | Lot #                                                                      |                                          | SA2299040     | Exp:                          | 11/04/2023   |                 |                     |                       |              |   |   |
| Metals (P-500ML)                   |                                   | W-ICPMS                                                                    |                                          | W-ICP         | W-HARD                        |              | Ice             | HNO3*               |                       | <2           |   |   |
|                                    |                                   | Lot #                                                                      |                                          | Exp:          |                               |              |                 |                     |                       |              |   |   |
| Filtered Nutrients (P125ML)        | X                                 | W-PO4-F                                                                    |                                          | X             | Field Filtered 0.45 µm Filter |              | X               | Ice                 |                       |              | 1 | C |
|                                    |                                   | Filter Lot #                                                               | 17441866                                 | Syringe Lot # | 2298556                       |              |                 |                     |                       |              |   |   |
| BOD (BP-1L)                        |                                   | OV-BODUNIN                                                                 |                                          |               |                               | Ice          |                 |                     |                       |              |   |   |
| Chlorophyll (BP-1L)                | X                                 | CHLSUITE-W                                                                 |                                          |               | X                             | Ice          |                 |                     |                       |              | 1 | C |
| Physical/Aggregate (Fresh) (P-1L)  | X                                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |                                          |               | X                             | Ice          |                 |                     |                       |              | 1 | C |
| 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) |                                   | E Coli                                                                     | F Coli                                   | Enterococci   |                               | Ice          |                 |                     |                       |              |   |   |
|                                    |                                   | Contract Lab                                                               |                                          |               |                               |              |                 |                     |                       |              |   |   |
| Molecular (QPCR-P-500ML)           |                                   | PCR-HF183                                                                  | PCR-BacR                                 | PCR-DG3       |                               | Ice          |                 |                     |                       |              |   |   |
|                                    |                                   | PCR-GULL2                                                                  | PCR-GFD                                  |               |                               |              |                 |                     |                       |              |   |   |
| Tracers (BG-500ML)                 |                                   | W-E8321-DI                                                                 |                                          | W-E8321-MS    |                               |              | Ice             |                     |                       |              |   |   |
| Pesticides (BG-500ML) (BG-1L)      |                                   | W-E8321-DI                                                                 | W-E8321-MS                               |               | W-PSNP-TQ                     | Ice          | 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                      | X                                 | DTY-QN-C                                                                   |                                          | X             | PKD-QN-BV                     |              | X               | Ice                 |                       | 1            | F |   |
| DOC                                |                                   | W-DOC                                                                      | Field Filtered 0.45 µm Filter            |               |                               | Ice          |                 | H2SO 4*             |                       | <2           |   |   |
|                                    | Acid Preservative Expiration Date |                                                                            |                                          |               |                               |              |                 |                     |                       |              |   |   |
|                                    | Acid Preservative Lot Number      |                                                                            |                                          |               |                               |              |                 |                     |                       |              |   |   |

|                                                                                                                                               |                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G1SE0025 | <b>Comments:</b> Please log in PKD-QN-BV & DTY-QN-C under a separate event with priority 12, Bottle Group - F. |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|

Matrix: Fresh

| Date and Time<br>{EST} | DO<br>(mg/L) | DO<br>(%SAT) | Temp. °C | pH   | Sample<br>Depth (m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos /cm) | Salinity<br>(PPT <sub>h</sub> ) |
|------------------------|--------------|--------------|----------|------|---------------------|-----------------|-----------------------|------------------------|---------------------------------|
| 5/1/2023<br>1110       | 7.81         | 97.7         | 26.7     | 8.21 | 0.3                 | 0.4             | 0.79                  | 609                    | 0.29                            |

| 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                     | B            |   |  |  |
|                                    | Lot #                             |                                                                              | SA2299040 |                | Exp:                                     |      | 11/04/2023 |             |              |     |        |           |           |                       |              |   |  |  |
| Metals (P-500ML)                   |                                   | W-ICPMS                                                                      |           |                | W-ICP                                    |      |            | W-HARD      |              |     | Ice    |           | HNO3*     |                       | <2           |   |  |  |
|                                    | Lot #                             |                                                                              |           |                |                                          | Exp: |            |             |              |     |        |           |           |                       |              |   |  |  |
| Filtered Nutrients (P125ML)        | X                                 | W-PO4-F                                                                      |           | X              | Field Filtered 0.45 um Filter            |      |            |             | x            | Ice |        |           |           | 1                     | B            |   |  |  |
|                                    | Filter Lot #                      |                                                                              | 17441866  |                | 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-F / W-TSS / TURBIDITY                                         |           |                |                                          |      |            |             | Ice          |     |        |           |           |                       |              |   |  |  |
| Macroinvertebrates (PJ-2L)         |                                   | MI-FW-QLDC                                                                   |           | Formalin Lot # |                                          |      |            |             | Formalin     |     |        |           |           |                       |              |   |  |  |
| Periphyton (PT-50ML)               |                                   | ALGAE-ID                                                                     |           |                |                                          |      |            |             | Ice          |     |        |           |           |                       |              |   |  |  |
| Microbiology (Contract Lab Bottle) |                                   | E Coli                                                                       |           |                | F Coli                                   |      |            | Enterococci |              |     | Ice    |           |           |                       |              |   |  |  |
|                                    | Contract Lab                      |                                                                              |           |                |                                          |      |            |             |              |     |        |           |           |                       |              |   |  |  |
| Molecular (QPCR-P-500ML)           |                                   | PCR-HF183                                                                    |           |                | PCR-BacR                                 |      |            | PCR-DG3     |              |     | Ice    |           |           |                       |              |   |  |  |
|                                    |                                   | PCR-GULL2                                                                    |           |                | PCR-GFD                                  |      |            |             |              |     |        |           |           |                       |              |   |  |  |
| Tracers (BG-500ML)                 |                                   | W-E8321-DI                                                                   |           |                | W-E8321-MS                               |      |            |             |              | Ice |        |           |           |                       |              |   |  |  |
| Pesticides (BG-500ML) (BG-1L)      |                                   | W-E8321-DI                                                                   |           |                | W-E8321-MS                               |      | X          | W-PSNP-TQ   |              | x   | Ice    | MCAA Exp. | MCAA Lot# | 8                     | B            |   |  |  |
|                                    | X                                 | W-PCL-TQ-R                                                                   |           |                | 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                      | X                                 | DTY-QN-C                                                                     |           | X              | PKD-QN-BV                                |      |            |             | x            | Ice |        |           |           | 1                     | F            |   |  |  |
| DOC                                |                                   | W-DOC                                                                        |           |                | Field Filtered 0.45 um Filter            |      |            |             |              | Ice |        | H2SO4*    |           | <2                    |              |   |  |  |
|                                    | Acid Preservative Expiration Date |                                                                              |           |                |                                          |      |            |             |              |     |        |           |           |                       |              |   |  |  |
|                                    | Acid Preservative Lot Number      |                                                                              |           |                |                                          |      |            |             |              |     |        |           |           |                       |              |   |  |  |



|                                                                                                                                                  |                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| RQ-2023-04-24-29                                                                                                                                 | <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> FB_05012023 | <b>Comments:</b> Please log in PKD-QN-BV & DTY-QN-C under a separate event with priority 12, Bottle Group - F. |

| <b>Location:</b> FB                |                   |                                                                            |                                   |                                          |                               |                                                                                         |                 |                     |                       |              |    |   |  |
|------------------------------------|-------------------|----------------------------------------------------------------------------|-----------------------------------|------------------------------------------|-------------------------------|-----------------------------------------------------------------------------------------|-----------------|---------------------|-----------------------|--------------|----|---|--|
| Matrix: W-FIELD-BLANK              |                   |                                                                            |                                   |                                          |                               | (Check One) <input checked="" type="checkbox"/> Grab <input type="checkbox"/> 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 (PPTth)      |              |    |   |  |
| 5/1/2023<br>1125                   |                   |                                                                            |                                   |                                          |                               |                                                                                         |                 |                     |                       |              |    |   |  |
| 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  | G |  |
|                                    |                   | Lot #                                                                      |                                   | SA2299040                                | Exp:                          | 11/04/2023                                                                              |                 |                     |                       |              |    |   |  |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                    |                                   | W-ICP                                    | W-HARD                        |                                                                                         | Ice             |                     | HNO3*                 |              | <2 |   |  |
|                                    |                   | Lot #                                                                      |                                   | Exp:                                     |                               |                                                                                         |                 |                     |                       |              |    |   |  |
| Filtered Nutrients (P125ML)        | X                 | W-PO4-F                                                                    |                                   | X                                        | Field Filtered 0.45 µm Filter |                                                                                         | X               | Ice                 |                       | 1            | G  |   |  |
|                                    |                   | Filter Lot #                                                               | 17441866                          | Syringe Lot #                            | 1145471                       |                                                                                         |                 |                     |                       |              |    |   |  |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                 |                                   |                                          |                               |                                                                                         | Ice             |                     |                       |              |    |   |  |
| Chlorophyll (BP-1L)                |                   | CHLSUITE-W                                                                 |                                   |                                          |                               |                                                                                         | Ice             |                     |                       |              |    |   |  |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |                                   |                                          |                               | X                                                                                       | Ice             |                     |                       |              |    |   |  |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-F / W-TSS / TURBIDITY                                       |                                   |                                          |                               |                                                                                         | Ice             |                     |                       |              |    |   |  |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                 | Formalin Lot #                    |                                          |                               | Formalin                                                                                |                 |                     |                       |              |    |   |  |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                   |                                   |                                          |                               |                                                                                         | Ice             |                     |                       |              |    |   |  |
| Microbiology (Contract Lab Bottle) |                   | E Coli                                                                     |                                   | F Coli                                   |                               | Enterococci                                                                             |                 | Ice                 |                       |              |    |   |  |
|                                    |                   | Contract Lab                                                               |                                   |                                          |                               |                                                                                         |                 |                     |                       |              |    |   |  |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                  |                                   | PCR-BacR                                 |                               | PCR-DG3                                                                                 |                 | Ice                 |                       |              |    |   |  |
|                                    |                   | PCR-GULL2                                                                  |                                   | PCR-GFD                                  |                               |                                                                                         |                 |                     |                       |              |    |   |  |
| Tracers (BG-500ML)                 |                   | W-E8321-DI                                                                 |                                   |                                          | W-E8321-MS                    |                                                                                         |                 | Ice                 |                       |              |    |   |  |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-E8321-DI                                                                 |                                   | W-E8321-MS                               | X                             | W-PSNP-TQ                                                                               | X               | Ice                 | MCAA Exp.             | MCAA Lot#    | 4  | G |  |
|                                    | X                 | W-PCL-TQ-R                                                                 |                                   | 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                      |                   | DTY-QN-C                                                                   |                                   |                                          | PKD-QN-BV                     |                                                                                         |                 | Ice                 |                       |              |    |   |  |
| DOC                                |                   | W-DOC                                                                      |                                   | Field Filtered 0.45 µm Filter            |                               |                                                                                         | Ice             |                     | H2SO 4*               |              | <2 |   |  |
|                                    |                   |                                                                            | Acid Preservative Expiration Date |                                          |                               |                                                                                         |                 |                     |                       |              |    |   |  |
|                                    |                   |                                                                            | Acid Preservative Lot Number      |                                          |                               |                                                                                         |                 |                     |                       |              |    |   |  |



|                        |                                                                |
|------------------------|----------------------------------------------------------------|
| RQ-2023-04-24-29       | <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> G1SE0015 | <b>Comments:</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------|

**Location:** LETTUCE CREEK AT 710

|               |                                                                                         |
|---------------|-----------------------------------------------------------------------------------------|
| Matrix: Fresh | (Check One) <input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite |
|---------------|-----------------------------------------------------------------------------------------|

| Date and Time<br>{EST} | DO<br>(mg/L) | DO<br>(%SAT) | Temp. °C | pH   | Sample<br>Depth (m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos /cm) | Salinity<br>(PPTH) |
|------------------------|--------------|--------------|----------|------|---------------------|-----------------|-----------------------|------------------------|--------------------|
| 5/1/2023<br>1200       | 1.62         | 19.2         | 23.8     | 7.07 | 0.3                 | 0.3             | 0.76                  | 523                    | 0.25               |

| Parameter Suite                    | Parameter Methods                 |                                                                              |           |                |                                          |            |            | Preservation |          |     | pH Check  |           | # Bottles sent to Lab | Bottle Group |    |   |   |   |  |
|------------------------------------|-----------------------------------|------------------------------------------------------------------------------|-----------|----------------|------------------------------------------|------------|------------|--------------|----------|-----|-----------|-----------|-----------------------|--------------|----|---|---|---|--|
| Preserved Nutrients (P-500ML)      | X                                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |           |                |                                          |            |            | X            | Ice      | X   | H2SO4*    | X         | <2                    | 1            | A  |   |   |   |  |
|                                    | Lot #                             |                                                                              | SA2299040 |                | Exp:                                     |            | 11/04/2023 |              |          |     |           |           |                       |              |    |   |   |   |  |
| 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 | 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-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 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      |     |           |           |                       |              |    |   |   |   |  |
| DOC                                |                                   | W-DOC                                                                        |           |                | Field Filtered 0.45 um Filter            |            |            |              | Ice      |     | H2SO4*    |           | <2                    |              |    |   |   |   |  |
|                                    | Acid Preservative Expiration Date |                                                                              |           |                |                                          |            |            |              |          |     |           |           |                       |              |    |   |   |   |  |
|                                    | Acid Preservative Lot Number      |                                                                              |           |                |                                          |            |            |              |          |     |           |           |                       |              |    |   |   |   |  |