

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 4/17/2023  
**Customer:** SO-DIST  
**RQ:** RQ-2023-04-10-32  
**Collected By:** Nicole Reistad, William Mullen  
**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:** 2

**Delivery Method:** FedEx

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

| Site Location                  | Field ID/WIN ID                                                                                  |
|--------------------------------|--------------------------------------------------------------------------------------------------|
| HATCHETTCREEKATGROVESTN        | <br>G3SD0194   |
| HATCHETT CREEK AT PINEBROOK RD | <br>G3SD0103   |
| ALLIGATORCREEK ATINFLOW        | <br>G2SD0053 |
| LEMONBAYATSOVENICERAMP         | <br>G2SD0054 |
| HATCHETT CREEK TIDAL 2         | <br>G3SD0192 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 4/17/2023  
1500 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:**



|                                                             |                                                                           |
|-------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-04-10-32                                            | <b>Collected By:</b> Nicole Reistad, William Mullen                       |
| <b>Customer:</b> FDEP                                       | <b>Field Report Prepared by:</b> Nicole Reistad, William Mullen           |
| <b>Project ID:</b> SMP                                      | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b><br><b>WIN ID/Field ID:</b> G3SD0194 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** HATCHETTCREEKATGROVESTN

**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) |     |     |   |   |
|------------------------------------|----------------------------------------------------------------------------|-----------------------------------|------------------------------------------|------|------------------|--------------|-----------------|-----------------------|----------------|-----|-----|---|---|
| 4/17/2023<br>1030                  | 6.25                                                                       | 72.8                              | 22.8                                     | 7.35 | 0.3              | 0.7          | 1.1             | 1261                  | 0.63           |     |     |   |   |
| 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           |              | <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) | E Coli                                                                     |                                   | F Coli                                   |      | X                | Enterococci  |                 |                       |                | x   | Ice | 1 | B |
|                                    | Contract Lab                                                               |                                   |                                          |      |                  |              |                 |                       |                |     |     |   |   |
| Molecular (QPCR-P-500ML)           | PCR-HF183                                                                  |                                   | PCR-BacR                                 |      | PCR-DG3          |              |                 |                       |                | Ice |     |   |   |
|                                    | PCR-GULL2                                                                  |                                   | PCR-GFD                                  |      |                  |              |                 |                       |                |     |     |   |   |
| Tracers (BG-500ML)                 | W-E8321-DI                                                                 |                                   | W-E8321-MS                               |      |                  | Ice          |                 | MCAA Exp.             | MCAA Lot#      |     |     |   |   |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI                                                                 |                                   | W-E8321-MS                               |      | W-PSNP-TQ        |              | Ice             |                       |                |     |     |   |   |
|                                    | W-PCL-TQ-R                                                                 |                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) |      | W-CT-CL-R        |              |                 |                       |                |     |     |   |   |
| Phytoplankton                      | DTY-QN-C                                                                   |                                   | PKD-QN-BV                                |      |                  | Ice          |                 |                       |                |     |     |   |   |
|                                    | W-TR-SQ-R                                                                  |                                   | W-PCB-TQ-R                               |      |                  |              |                 |                       |                |     |     |   |   |
| DOC                                | W-DOC                                                                      | Field Filtered 0.45 µm Filter     |                                          |      | Ice              |              | H2SO4*          | <2                    |                |     |     |   |   |
|                                    |                                                                            | Acid Preservative Expiration Date |                                          |      |                  |              |                 |                       |                |     |     |   |   |
|                                    |                                                                            | Acid Preservative Lot Number      |                                          |      |                  |              |                 |                       |                |     |     |   |   |



|                                                                                                                                               |                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| RQ-2023-04-10-32                                                                                                                              | <b>Collected By:</b> Nicole Reistad, William Mullen             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Nicole Reistad, William Mullen |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                    |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3SD0103 | <b>Comments:</b>                                                |

**Location:** HATCHETT CREEK AT PINEBROOK RD

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)      |              |   |   |     |
|------------------------------------|----------------------------------------------------------------------------|---------------|------------------------------------------|------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|---|---|-----|
| 4/17/2023<br>1045                  | 5.3                                                                        | 62            | 23                                       | 7.14 | 0.25             | 0.5          | 0.5             | 1055                | 0.52                  |              |   |   |     |
| 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) | 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        |              | MCAA Exp.       |                     | MCAA Lot#             |              | 4 | C |     |
|                                    | X                                                                          | W-PCL-TQ-R    | W-CARB-AA (5 ml of MCAA Buffer Solution) |      | X                | W-CT-CL-R    |                 |                     |                       |              |   |   | Ice |
|                                    |                                                                            | 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          |                 | H2SO4*              |                       | <2           |   |   |     |
|                                    |                                                                            |               | Acid Preservative Expiration Date        |      |                  |              |                 |                     |                       |              |   |   |     |
|                                    |                                                                            |               | Acid Preservative Lot Number             |      |                  |              |                 |                     |                       |              |   |   |     |



|                                                                                                                                               |                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| RQ-2023-04-10-32                                                                                                                              | <b>Collected By:</b> Nicole Reistad, William Mullen             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Nicole Reistad, William Mullen |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                    |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G2SD0053 | <b>Comments:</b>                                                |

**Location:** ALLIGATORCREEK ATINFLOW

**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)        |              |     |                       |                     |   |   |
|------------------------------------|----------------------------------------------------------------------------|---------------|-----------------------------------|------------------------------------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|-----|-----------------------|---------------------|---|---|
| 4/17/2023<br>1110                  | 3.39                                                                       | 41.4          | 25.2                              | 6.79                                     | 0.3              | 0.5          | 0.6             | 1320                | 0.66                  |              |     |                       |                     |   |   |
| 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:                              |                                          |                  |              |                 |                     |                       |              |     |                       |                     |   |   |
| 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) | 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)      | X                                                                          | W-E8321-DI    | X                                 | W-E8321-MS                               | X                | W-PSNP-TQ    | x               |                     |                       |              | Ice | MCAA Exp.<br>03/01/24 | MCAA Lot#<br>139737 | 8 | D |
|                                    | 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                      | 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-2023-04-10-32                                            | <b>Collected By:</b> Nicole Reistad, William Mullen                       |
| <b>Customer:</b> FDEP                                       | <b>Field Report Prepared by:</b> Nicole Reistad, William Mullen           |
| <b>Project ID:</b> SMP                                      | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b><br><b>WIN ID/Field ID:</b> G2SD0054 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** LEMONBAYATSOVENICERAMP

Matrix: Marine

(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)        |              |           |           |  |
|------------------------------------|----------------------------------------------------------------------------|---------------|------------------------------------------|-----|------------------|--------------|-----------------|---------------------|-----------------------|--------------|-----------|-----------|--|
| 4/17/2023 1155                     | 4.88                                                                       | 75.6          | 28                                       | 6.9 | 0.3              | 1.1          | 1.1             | 52002               | 34.14                 |              |           |           |  |
| 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) | E Coli                                                                     |               | F Coli                                   |     | X                | Enterococci  | x Ice           |                     |                       |              | 1         | B         |  |
|                                    | Contract Lab                                                               |               |                                          |     |                  |              |                 |                     |                       |              |           |           |  |
| Molecular (QPCR-P-500ML)           | PCR-HF183                                                                  |               | PCR-BacR                                 |     | PCR-DG3          |              | Ice             |                     |                       |              |           |           |  |
|                                    | PCR-GULL2                                                                  |               | PCR-GFD                                  |     |                  |              |                 |                     |                       |              |           |           |  |
| Tracers (BG-500ML)                 | W-E8321-DI                                                                 |               | W-E8321-MS                               |     | Ice              |              |                 |                     |                       |              |           |           |  |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI                                                                 |               | W-E8321-MS                               |     | W-PSNP-TQ        |              | Ice             |                     |                       |              | MCAA 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-2023-04-10-32                                            | <b>Collected By:</b> Nicole Reistad, William Mullen                       |
| <b>Customer:</b> FDEP                                       | <b>Field Report Prepared by:</b> Nicole Reistad, William Mullen           |
| <b>Project ID:</b> SMP                                      | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b><br><b>WIN ID/Field ID:</b> G3SD0192 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** HATCHETT CREEK TIDAL 2

Matrix: Marine

(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)        |              |    |   |  |
|------------------------------------|-------------------|----------------------------------------------------------------------------|------------------------------------------|-------------------------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|----|---|--|
| 4/10/2023 1005                     | 4.06              | 61.4                                                                       | 27                                       | 6.98                          | 0.3              | 1            | 1               | 47925               | 31.32                 |              |    |   |  |
| 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 #                                                                      |                                          | SA3013020                     | Exp:             | 01/25/24     |                 |                     |                       |              |    |   |  |
| 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) |                   | E Coli                                                                     | F Coli                                   | X                             | 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)      |                   | 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          |                 | H2SO 4*             |                       | <2           |    |   |  |
|                                    |                   |                                                                            | Acid Preservative Expiration Date        |                               |                  |              |                 |                     |                       |              |    |   |  |
|                                    |                   |                                                                            | Acid Preservative Lot Number             |                               |                  |              |                 |                     |                       |              |    |   |  |

