

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 10/5/2021      **Collected By:** Nicole Reistad, William Mullen  
**Customer:** SO-DIST      **Sampling Agency:** FDEP  
**RQ:** RQ-2021-10-04-66      **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:** 1

**Delivery Method:** FedEx

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

| Site Location           | Field ID/WIN ID                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------|
| Billy Creek @SeaboardSt | <br>G3SD0203   |
| BillyCrk@ShadyOaksBrdwk | <br>G3SD0196   |
| BillyCreek@VSShoemaker  | <br>G3SD0197 |
| BillyCreek@ArnoldDr     | <br>G3SD0198 |
| BillyCreekUpstrmofMarsh | <br>G3SD0199 |
| Billy Creek @ Ortiz Ave | <br>G3SD0200 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 10/5/2021  
1500 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:**

**Rec'd/Inspected  
Date:**



|                                                                                                                                               |                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| RQ-2021-10-04-66                                                                                                                              | <b>Collected By:</b> William Mullen, Nicole Reistad                      |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> William Mullen, Nicole Reistad          |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                             |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3SD0203 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory |

**Location:**  
**Location:** Billy Creek @SeaboardSt

Matrix: Fresh (Check One) ☒ Grab ☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L)                                                                 | DO<br>(%SAT)      | Temp. ©                                     | pH         | Sample<br>Depth<br>(m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos<br>/cm) | Salinity<br>(PPTH |                          |                 |
|------------------------------------|------------------------------------------------------------------------------|-------------------|---------------------------------------------|------------|------------------------|-----------------|-----------------------|---------------------------|-------------------|--------------------------|-----------------|
| 10/5/2021<br>920                   | 2.38                                                                         | 29.5              | 26.3                                        | 7.39       | 0.15                   | 0.3             | 0.3                   | 699                       | 0.34              |                          |                 |
| Parameter Suite                    |                                                                              | Parameter Methods |                                             |            |                        | Preservation    |                       | pH<br>Check               |                   | # Bottles<br>sent to Lab | Bottle<br>Group |
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |                   |                                             |            |                        | Ice             | H2SO4*                | <2                        |                   |                          |                 |
|                                    | Lot #                                                                        |                   | Exp:                                        |            |                        |                 |                       |                           |                   |                          |                 |
| Metals (P-500ML)                   | W-ICPMS                                                                      |                   | W-ICP                                       | W-HARD     | Ice                    | HNO3*           | <2                    |                           |                   |                          |                 |
|                                    | Lot #                                                                        |                   | Exp:                                        |            |                        |                 |                       |                           |                   |                          |                 |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                      |                   | Field Filtered 0.45 µm Filter               |            |                        | Ice             |                       |                           |                   |                          |                 |
|                                    | Filter Lot #                                                                 |                   |                                             |            |                        |                 |                       |                           |                   |                          |                 |
|                                    | Syringe Lot #                                                                |                   |                                             |            |                        |                 |                       |                           |                   |                          |                 |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                   |                   |                                             |            |                        | Ice             |                       |                           |                   |                          |                 |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W- TDS |                   |                                             |            |                        | Ice             |                       |                           |                   |                          |                 |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |                   |                                             |            |                        | Ice             |                       |                           |                   |                          |                 |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                   | Formalin Lot #    |                                             |            |                        | Formalin        |                       |                           |                   |                          |                 |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                     |                   |                                             |            |                        | Ice             |                       |                           |                   |                          |                 |
| Microbiology (Contract Lab Bottle) | X                                                                            | E Coli            | F Coli                                      | X          | Enterococci            | x               |                       | Ice                       | 2                 | A                        |                 |
|                                    | X                                                                            | Contract Lab      |                                             |            |                        |                 |                       |                           |                   |                          |                 |
| Molecular (QPCR-P-500ML)           | X                                                                            | PCR-HF183         | X                                           | PCR-BacR   | X                      | PCR-DG3         |                       | x                         | Ice               | 1                        | A               |
|                                    |                                                                              | PCR-GULL2         |                                             | PCR-GFD    |                        |                 |                       |                           |                   |                          |                 |
| Tracers (BG-500ML)                 | X                                                                            | W-E8321-DI        | X                                           | W-E8321-MS |                        | x               |                       | Ice                       | 1                 | A                        |                 |
| 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                       |                   |                          |                 |



|                                                                                                                                               |                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| RQ-2021-10-04-66                                                                                                                              | <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> G3SD0196 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory |

**Location:**  
**Location:** BillyCrk@ShadyOaksBrdwk

Matrix: Fresh (Check One) ☒ Grab ☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L) | DO<br>(%SAT)                                                                 | Temp. © | pH                                          | Sample<br>Depth<br>(m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos<br>/cm) | Salinity<br>(PPTH |                          |  |                 |  |
|------------------------------------|--------------|------------------------------------------------------------------------------|---------|---------------------------------------------|------------------------|-----------------|-----------------------|---------------------------|-------------------|--------------------------|--|-----------------|--|
| 10/5/2021<br>945                   | 3            | 37.3                                                                         | 26.4    | 7.45                                        | 0.1                    | 0.2             | 0.2                   | 674                       | 0.33              |                          |  |                 |  |
| Parameter Suite                    |              | Parameter Methods                                                            |         |                                             |                        | Preservation    |                       | pH<br>Check               |                   | # Bottles<br>sent to Lab |  | Bottle<br>Group |  |
| Preserved Nutrients (P-500ML)      |              | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |         |                                             |                        | Ice             |                       | <2                        |                   |                          |  |                 |  |
|                                    |              | Lot #                                                                        |         |                                             |                        | Exp:            |                       |                           |                   |                          |  |                 |  |
| Metals (P-500ML)                   |              | W-ICPMS                                                                      |         | W-ICP                                       |                        | W-HARD          |                       | Ice                       |                   | <2                       |  |                 |  |
|                                    |              | Lot #                                                                        |         |                                             |                        | Exp:            |                       |                           |                   |                          |  |                 |  |
| Filtered Nutrients (P125ML)        |              | W-PO4-F                                                                      |         | Field Filtered 0.45 µm Filter               |                        |                 |                       | Ice                       |                   |                          |  |                 |  |
|                                    |              | Filter Lot #                                                                 |         |                                             |                        |                 |                       |                           |                   |                          |  |                 |  |
|                                    |              | Syringe Lot #                                                                |         |                                             |                        |                 |                       |                           |                   |                          |  |                 |  |
| Chlorophyll (BP-1L)                |              | CHLSUITE-W                                                                   |         |                                             |                        | Ice             |                       |                           |                   |                          |  |                 |  |
| Physical/Aggregate (Fresh) (P-1L)  |              | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TDS |         |                                             |                        | Ice             |                       |                           |                   |                          |  |                 |  |
| Physical/Aggregate (Marine) (P-1L) |              | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |         |                                             |                        | Ice             |                       |                           |                   |                          |  |                 |  |
| Macroinvertebrates (PJ-2L)         |              | MI-FW-QLDC                                                                   |         | Formalin Lot #                              |                        | Formalin        |                       |                           |                   |                          |  |                 |  |
| Periphyton (PT-50ML)               |              | ALGAE-ID                                                                     |         |                                             |                        | Ice             |                       |                           |                   |                          |  |                 |  |
| Microbiology (Contract Lab Bottle) |              | X E Coli                                                                     |         | F Coli                                      |                        | X Enterococci   |                       | x Ice                     |                   | 2                        |  | A               |  |
|                                    |              | X Contract Lab                                                               |         |                                             |                        |                 |                       |                           |                   |                          |  |                 |  |
| Molecular (QPCR-P-500ML)           |              | X PCR-HF183                                                                  |         | X PCR-BacR                                  |                        | X PCR-DG3       |                       | x Ice                     |                   | 1                        |  | A               |  |
|                                    |              | PCR-GULL2                                                                    |         | PCR-GFD                                     |                        |                 |                       |                           |                   |                          |  |                 |  |
| Tracers (BG-500ML)                 |              | X W-E8321-DI                                                                 |         | X W-E8321-MS                                |                        | x Ice           |                       |                           |                   | 1                        |  | A               |  |
| 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                       |                   |                          |  |                 |  |



|                                                                                                                                               |                                                                          |
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| RQ-2021-10-04-66                                                                                                                              | <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> G3SD0197 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory |

**Location:**  
**Location:** BillyCreek@VSShoemaker

Matrix: Fresh (Check One) ☒ Grab ☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L)  | DO<br>(%SAT)                                                                 | Temp. © | pH                                          | Sample<br>Depth<br>(m)        | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos<br>/cm) | Salinity<br>(PPT <sub>h</sub> ) |                          |                 |   |
|------------------------------------|---------------|------------------------------------------------------------------------------|---------|---------------------------------------------|-------------------------------|-----------------|-----------------------|---------------------------|---------------------------------|--------------------------|-----------------|---|
| 10/5/2021<br>1010                  | 3.65          | 46.1                                                                         | 26.9    | 7.54                                        | 0.3                           | 0.85            | 0.85                  | 695                       | 0.34                            |                          |                 |   |
| Parameter Suite                    |               | Parameter Methods                                                            |         |                                             |                               | Preservation    |                       | pH<br>Check               |                                 | # Bottles<br>sent to Lab | Bottle<br>Group |   |
| Preserved Nutrients (P-500ML)      |               | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |         |                                             |                               |                 | Ice                   |                           | H2SO4*                          | <2                       |                 |   |
|                                    | Lot #         |                                                                              |         |                                             | Exp:                          |                 |                       |                           |                                 |                          |                 |   |
| Metals (P-500ML)                   |               | W-ICPMS                                                                      |         |                                             | W-ICP                         |                 | Ice                   |                           | HNO3*                           | <2                       |                 |   |
|                                    | Lot #         |                                                                              |         |                                             | Exp:                          |                 |                       |                           |                                 |                          |                 |   |
| Filtered Nutrients (P125ML)        |               | W-PO4-F                                                                      |         |                                             | Field Filtered 0.45 µm Filter |                 |                       | Ice                       |                                 |                          |                 |   |
|                                    | Filter Lot #  |                                                                              |         |                                             |                               |                 |                       |                           |                                 |                          |                 |   |
|                                    | Syringe Lot # |                                                                              |         |                                             |                               |                 |                       |                           |                                 |                          |                 |   |
| Chlorophyll (BP-1L)                |               | CHLSUITE-W                                                                   |         |                                             |                               |                 | Ice                   |                           |                                 |                          |                 |   |
| Physical/Aggregate (Fresh) (P-1L)  |               | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TDS |         |                                             |                               |                 | Ice                   |                           |                                 |                          |                 |   |
| Physical/Aggregate (Marine) (P-1L) |               | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |         |                                             |                               |                 | Ice                   |                           |                                 |                          |                 |   |
| Macroinvertebrates (PJ-2L)         |               | MI-FW-QLDC                                                                   |         | Formalin Lot #                              |                               |                 |                       | Formalin                  |                                 |                          |                 |   |
| Periphyton (PT-50ML)               |               | ALGAE-ID                                                                     |         |                                             |                               |                 | Ice                   |                           |                                 |                          |                 |   |
| Microbiology (Contract Lab Bottle) | X             | E Coli                                                                       |         |                                             | F Coli                        | X               | Enterococci           | x                         |                                 | Ice                      | 2               | A |
|                                    | X             | Contract Lab                                                                 |         |                                             |                               |                 |                       |                           |                                 |                          |                 |   |
| Molecular (QPCR-P-500ML)           | X             | PCR-HF183                                                                    |         | X                                           | PCR-BacR                      | X               | PCR-DG3               | x                         | Ice                             | 1                        | A               |   |
|                                    |               | PCR-GULL2                                                                    |         |                                             | PCR-GFD                       |                 |                       |                           |                                 |                          |                 |   |
| Tracers (BG-500ML)                 | X             | W-E8321-DI                                                                   |         | X                                           | W-E8321-MS                    |                 |                       | x                         | Ice                             | 1                        | A               |   |
| 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                             |                          |                 |   |



|                                                                                                                                               |                                                                          |
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| RQ-2021-10-04-66                                                                                                                              | <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> G3SD0198 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory |

**Location:****Location:** BillyCreek@ArnoldDr

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L) | DO<br>(%SAT)                                                                 | Temp. © | pH             | Sample<br>Depth<br>(m)                      | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos<br>/cm) | Salinity<br>(PPT <sub>h</sub> ) |                          |                 |           |  |
|------------------------------------|--------------|------------------------------------------------------------------------------|---------|----------------|---------------------------------------------|-----------------|-----------------------|---------------------------|---------------------------------|--------------------------|-----------------|-----------|--|
| 10/5/2021<br>1035                  | 3.64         | 46.1                                                                         | 27.4    | 7.56           | 0.2                                         | 0.4             | 0.4                   | 614                       | 0.3                             |                          |                 |           |  |
| Parameter Suite                    |              | Parameter Methods                                                            |         |                |                                             | Preservation    |                       | pH<br>Check               |                                 | # Bottles<br>sent to Lab | Bottle<br>Group |           |  |
| Preserved Nutrients (P-500ML)      |              | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |         |                |                                             |                 | Ice                   |                           | H2SO4*                          |                          | <2              |           |  |
|                                    |              | Lot #                                                                        |         |                | Exp:                                        |                 |                       |                           |                                 |                          |                 |           |  |
| Metals (P-500ML)                   |              | W-ICPMS                                                                      |         |                | W-ICP                                       |                 | Ice                   |                           | HNO3*                           |                          | <2              |           |  |
|                                    |              | Lot #                                                                        |         |                | Exp:                                        |                 |                       |                           |                                 |                          |                 |           |  |
| Filtered Nutrients (P125ML)        |              | W-PO4-F                                                                      |         |                | Field Filtered 0.45 µm Filter               |                 |                       | Ice                       |                                 |                          |                 |           |  |
|                                    |              | Filter Lot #                                                                 |         |                |                                             |                 |                       |                           |                                 |                          |                 |           |  |
|                                    |              | Syringe Lot #                                                                |         |                |                                             |                 |                       |                           |                                 |                          |                 |           |  |
| Chlorophyll (BP-1L)                |              | CHLSUITE-W                                                                   |         |                |                                             |                 | Ice                   |                           |                                 |                          |                 |           |  |
| Physical/Aggregate (Fresh) (P-1L)  |              | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TDS |         |                |                                             |                 | Ice                   |                           |                                 |                          |                 |           |  |
| Physical/Aggregate (Marine) (P-1L) |              | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |         |                |                                             |                 | Ice                   |                           |                                 |                          |                 |           |  |
| Macroinvertebrates (PJ-2L)         |              | MI-FW-QLDC                                                                   |         | Formalin Lot # |                                             |                 | Formalin              |                           |                                 |                          |                 |           |  |
| Periphyton (PT-50ML)               |              | ALGAE-ID                                                                     |         |                |                                             |                 | Ice                   |                           |                                 |                          |                 |           |  |
| Microbiology (Contract Lab Bottle) | X            | E Coli                                                                       |         |                | F Coli                                      | X               | Enterococci           | x                         | Ice                             | 2                        | A               |           |  |
|                                    | X            | Contract Lab                                                                 |         |                |                                             |                 |                       |                           |                                 |                          |                 |           |  |
| Molecular (QPCR-P-500ML)           | X            | PCR-HF183                                                                    |         | X              | PCR-BacR                                    | X               | PCR-DG3               | x                         | Ice                             | 1                        | A               |           |  |
|                                    |              | PCR-GULL2                                                                    |         |                | PCR-GFD                                     |                 |                       |                           |                                 |                          |                 |           |  |
| Tracers (BG-500ML)                 | X            | W-E8321-DI                                                                   |         | X              | W-E8321-MS                                  |                 |                       | x                         | Ice                             | 1                        | A               |           |  |
| Pesticides (BG-500ML) (BG-1L)      |              | W-E8321-DI                                                                   |         |                | W-E8321-MS                                  |                 |                       | 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                             |                          |                 |           |  |



|                                                                                                                                               |                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| RQ-2021-10-04-66                                                                                                                              | <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> G3SD0199 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory |

**Location:**  
**Location:** BillyCreekUpstrmofMarsh

Matrix: Fresh (Check One) ☒ Grab ☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L) | DO<br>(%SAT)                                                                 | Temp. © | pH             | Sample<br>Depth<br>(m)                      | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos<br>/cm) | Salinity<br>(PPTH |                          |                 |  |    |  |     |   |   |
|------------------------------------|--------------|------------------------------------------------------------------------------|---------|----------------|---------------------------------------------|-----------------|-----------------------|---------------------------|-------------------|--------------------------|-----------------|--|----|--|-----|---|---|
| 10/5/2021<br>1105                  | 1.4          | 17.1                                                                         | 25.2    | 7.33           | 0.3                                         | 0.5             | 0.8                   | 684                       | 0.33              |                          |                 |  |    |  |     |   |   |
| Parameter Suite                    |              | Parameter Methods                                                            |         |                |                                             | Preservation    |                       | pH<br>Check               |                   | # Bottles<br>sent to Lab | Bottle<br>Group |  |    |  |     |   |   |
| Preserved Nutrients (P-500ML)      |              | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |         |                |                                             |                 | Ice                   |                           | H2SO4*            |                          | <2              |  |    |  |     |   |   |
|                                    |              | Lot #                                                                        |         |                | Exp:                                        |                 |                       |                           |                   |                          |                 |  |    |  |     |   |   |
| Metals (P-500ML)                   |              | W-ICPMS                                                                      |         |                | W-ICP                                       |                 | W-HARD                |                           | Ice               |                          | HNO3*           |  | <2 |  |     |   |   |
|                                    |              | Lot #                                                                        |         |                | Exp:                                        |                 |                       |                           |                   |                          |                 |  |    |  |     |   |   |
| Filtered Nutrients (P125ML)        |              | W-PO4-F                                                                      |         |                | Field Filtered 0.45 µm Filter               |                 |                       | Ice                       |                   |                          |                 |  |    |  |     |   |   |
|                                    |              | Filter Lot #                                                                 |         |                |                                             |                 |                       |                           |                   |                          |                 |  |    |  |     |   |   |
|                                    |              | Syringe Lot #                                                                |         |                |                                             |                 |                       |                           |                   |                          |                 |  |    |  |     |   |   |
| Chlorophyll (BP-1L)                |              | CHLSUITE-W                                                                   |         |                |                                             |                 | Ice                   |                           |                   |                          |                 |  |    |  |     |   |   |
| Physical/Aggregate (Fresh) (P-1L)  |              | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TDS |         |                |                                             |                 | Ice                   |                           |                   |                          |                 |  |    |  |     |   |   |
| Physical/Aggregate (Marine) (P-1L) |              | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |         |                |                                             |                 | Ice                   |                           |                   |                          |                 |  |    |  |     |   |   |
| Macroinvertebrates (PJ-2L)         |              | MI-FW-QLDC                                                                   |         | Formalin Lot # |                                             |                 | Formalin              |                           |                   |                          |                 |  |    |  |     |   |   |
| Periphyton (PT-50ML)               |              | ALGAE-ID                                                                     |         |                |                                             |                 | Ice                   |                           |                   |                          |                 |  |    |  |     |   |   |
| Microbiology (Contract Lab Bottle) | X            | E Coli                                                                       |         |                | F Coli                                      | X               | Enterococci           | x                         |                   |                          |                 |  |    |  | Ice | 2 | A |
|                                    | X            | Contract Lab                                                                 |         |                |                                             |                 |                       |                           |                   |                          |                 |  |    |  |     |   |   |
| Molecular (QPCR-P-500ML)           | X            | PCR-HF183                                                                    |         | X              | PCR-BacR                                    | X               | PCR-DG3               | x                         |                   |                          |                 |  |    |  | Ice | 1 | A |
|                                    |              | PCR-GULL2                                                                    |         |                | PCR-GFD                                     |                 |                       |                           |                   |                          |                 |  |    |  |     |   |   |
| Tracers (BG-500ML)                 | X            | W-E8321-DI                                                                   |         | X              | W-E8321-MS                                  |                 |                       | x                         |                   |                          |                 |  |    |  | Ice | 1 | A |
| 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               |                          |                 |  |    |  |     |   |   |

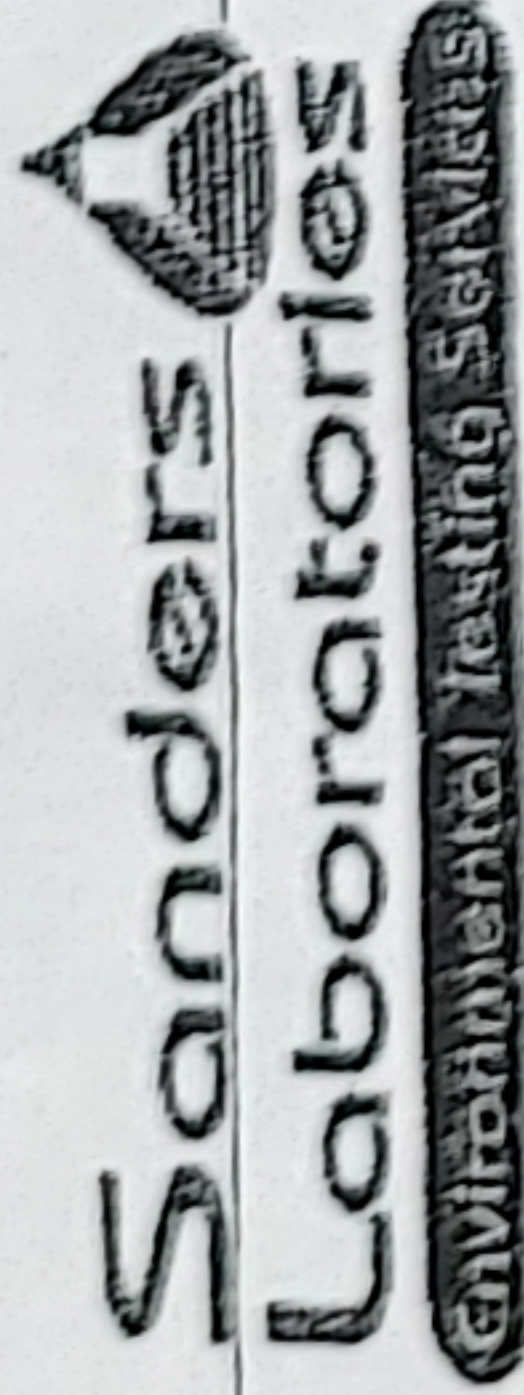


|                                                                                                                                               |                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| RQ-2021-10-04-66                                                                                                                              | <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> G3SD0200 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory |

**Location:**  
**Location:** Billy Creek @ Ortiz Ave

Matrix: Fresh (Check One) ☒ Grab ☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L)                                                                 | DO<br>(%SAT)      | Temp. ©                                     | pH         | Sample<br>Depth<br>(m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos<br>/cm) | Salinity<br>(PPT <sub>h</sub> ) |                 |   |
|------------------------------------|------------------------------------------------------------------------------|-------------------|---------------------------------------------|------------|------------------------|-----------------|-----------------------|---------------------------|---------------------------------|-----------------|---|
| 10/5/2021<br>1130                  | 3.88                                                                         | 47.6              | 25.7                                        | 7.51       | 0.075                  | 0.15            | 0.15                  | 584                       | 0.28                            |                 |   |
| Parameter Suite                    |                                                                              | Parameter Methods |                                             |            |                        | Preservation    |                       | pH<br>Check               | # Bottles<br>sent to Lab        | Bottle<br>Group |   |
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |                   |                                             |            |                        | Ice             | H2SO4*                | <2                        |                                 |                 |   |
|                                    | Lot #                                                                        |                   |                                             |            | Exp:                   |                 |                       |                           |                                 |                 |   |
| Metals (P-500ML)                   | W-ICPMS                                                                      |                   | W-ICP                                       | W-HARD     | Ice                    | HNO3*           | <2                    |                           |                                 |                 |   |
|                                    | Lot #                                                                        |                   |                                             |            | Exp:                   |                 |                       |                           |                                 |                 |   |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                      |                   | Field Filtered 0.45 µm Filter               |            |                        | Ice             |                       |                           |                                 |                 |   |
|                                    | Filter Lot #                                                                 |                   |                                             |            |                        |                 |                       |                           |                                 |                 |   |
|                                    | Syringe Lot #                                                                |                   |                                             |            |                        |                 |                       |                           |                                 |                 |   |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                   |                   |                                             |            |                        | Ice             |                       |                           |                                 |                 |   |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W- TDS |                   |                                             |            |                        | Ice             |                       |                           |                                 |                 |   |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |                   |                                             |            |                        | Ice             |                       |                           |                                 |                 |   |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                   | Formalin Lot #    |                                             |            |                        | Formalin        |                       |                           |                                 |                 |   |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                     |                   |                                             |            |                        | Ice             |                       |                           |                                 |                 |   |
| Microbiology (Contract Lab Bottle) | X                                                                            | E Coli            | F Coli                                      | X          | Enterococci            | x               |                       | Ice                       | 2                               | A               |   |
|                                    | X                                                                            | Contract Lab      |                                             |            |                        |                 |                       |                           |                                 |                 |   |
| Molecular (QPCR-P-500ML)           | X                                                                            | PCR-HF183         | X                                           | PCR-BacR   | X                      | PCR-DG3         |                       | x                         | Ice                             | 1               | A |
|                                    |                                                                              | PCR-GULL2         |                                             | PCR-GFD    |                        |                 |                       |                           |                                 |                 |   |
| Tracers (BG-500ML)                 | X                                                                            | W-E8321-DI        | X                                           | W-E8321-MS |                        | x               |                       | Ice                       | 1                               | A               |   |
| 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                       |                                 |                 |   |



CHAIN OF CUSTODY RECORD

Project #  
(Lab Use Only)

Client Florida Dept. of Environmental Protection  
Address 2600 Blairstone Rd. Tallahassee, FL 32399

Report To: DEP-OverflowMicro@dep.state.fl.us

Bill to: Carina Tull

P.O. # LAB #039 89633B

Phone 850-245-8085 239-470-0873

Fax

Preservative: HCL = H, HNO<sub>3</sub> = N, Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> = ST

H<sub>2</sub>SO<sub>4</sub> = S, NaOH = SH, NH<sub>4</sub>Cl = NH

Project Name:

Project Location:

Customer Type:

Kit #:

Requested Due Date:

Sampled By (PRINT)

William Muller

Sampler Signature

W. S.

Matrix Sample Description

F 673SD0203

P 673SD0196

F 673SD0197

F 673SD0198

F 673SD0199

F 673SD0200

Preservatives

Sample

Date

Time

Type

Ice

S

0920

grab

✓

0945

grab

✓

1010

grab

✓

1035

grab

✓

1105

grab

✓

1130

grab

✓

Field Log

Samples are ambient water

2021

RQ-2019-10-04-66

Client Initial:

W. S.

Samples On

Ice

Yes No

Relinquished By/Amplification

William Muller / FDEP

Date

10/04/21

Accepted Evaluation

1230

Date

Analysis Requested

E. coli  
Enterococcus  
Fecal

Sample ID #  
(Lab Use Only)