

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

|                             |                                                    |
|-----------------------------|----------------------------------------------------|
| <b>Date:</b> 12/15/2022     | <b>Collected By:</b> Monica Jaeger, William Mullen |
| <b>Customer:</b> SO-DIST    | <b>Sampling Agency:</b> FDEP                       |
| <b>RQ:</b> RQ-2022-12-05-32 | <b>Project ID:</b> SMP                             |

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

**Number of Coolers Shipped:** 4

**Delivery Method:** FedEx

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

| Site Location                        | Field ID/WIN ID                                                                                  |
|--------------------------------------|--------------------------------------------------------------------------------------------------|
| LITTLE ALLIGATOR CREEK @ MIDWAY BLVD | <br>G3SD0071   |
| FlopuckNearPearlSt                   | <br>G3SD0185   |
| Apollo Waterway EBranch              | <br>G3SD0208 |
| Apollo Waterway WBranch              | <br>G3SD0195 |
| ROCK CREEK @ EISENHOWER DR           | <br>G3SD0070 |
| MYAKKA RIVER (TIDAL) @ US 41         | <br>G3SD0068 |
| ALLIGATOR @JACARANDA                 | <br>G2SD0026 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 12/15/2022

1500 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:**

**Rec'd/Inspected  
Date:**



|                                                             |                                                                           |
|-------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2022-12-05-32                                            | <b>Collected By:</b> Monica Jaeger, William Mullen                        |
| <b>Customer:</b> FDEP                                       | <b>Field Report Prepared by:</b> Monica Jaeger, 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> G3SD0071 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** LITTLE ALLIGATOR CREEK @ MIDWAY BLVD

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)        |              |   |    |   |   |
|------------------------------------|-------------------|----------------------------------------------------------------------------|-----------------------------------|------------------------------------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|---|----|---|---|
| 12/15/2022 825                     | 5.83              | 75.7                                                                       | 23.3                              | 7.41                                     | 0.3              | 0.8          | 0.8             | 28938               | 17.88                 |              |   |    |   |   |
| 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 #                                                                      | SA2229010                         |                                          | Exp:             | 08/30/23     |                 |                     |                       |              |   |    |   |   |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                    | X                                 | W-ICP                                    | X                | W-HARD       | X               | Ice                 | X                     | HNO3*        | X | <2 | 1 | A |
|                                    |                   | Lot #                                                                      | NA1286110                         |                                          | Exp:             | 11/16/23     |                 |                     |                       |              |   |    |   |   |
| 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)  |                   | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |                                   |                                          |                  |              | Ice             |                     |                       |              |   |    |   |   |
| Physical/Aggregate (Marine) (P-1L) | X                 | Alkalinity / W-F / W-TSS / TURBIDITY                                       |                                   |                                          |                  | X            | Ice             |                     |                       | 1            | A |    |   |   |
| 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                               | X                | W-PSNP-TQ    | X               | Ice                 | MCAA Exp.             | MCAA Lot#    | 4 | A  |   |   |
|                                    |                   | W-PCL-TQ-R                                                                 |                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) |                  | W-CT-CL-R    |                 |                     |                       |              |   |    |   |   |
|                                    | X                 | 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      |                                          |                  |              |                 |                     |                       |              |   |    |   |   |



|                                                             |                                                                           |
|-------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2022-12-05-32                                            | <b>Collected By:</b> Monica Jaeger, William Mullen                        |
| <b>Customer:</b> FDEP                                       | <b>Field Report Prepared by:</b> Monica Jaeger, 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> G3SD0185 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** FlopbuckNearPearlSt

**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)        |              |   |    |   |   |
|------------------------------------|-------------------|----------------------------------------------------------------------------|-----------------------------------|------------------------------------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|---|----|---|---|
| 12/15/2022<br>850                  | 4.72              | 59                                                                         | 23.4                              | 7.33                                     | 0.25             | 0.5          | 0.5             | 18105               | 10.71                 |              |   |    |   |   |
| 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 | E  |   |   |
|                                    |                   | Lot #                                                                      | SA2229010                         |                                          | Exp:             | 08/30/23     |                 |                     |                       |              |   |    |   |   |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                    | X                                 | W-ICP                                    | X                | W-HARD       | X               | Ice                 | X                     | HNO3*        | X | <2 | 1 | E |
|                                    |                   | Lot #                                                                      | NA1286110                         |                                          | Exp:             | 11/16/23     |                 |                     |                       |              |   |    |   |   |
| 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            | E |    |   |   |
| 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) | X                 | Alkalinity / W-F / W-TSS / TURBIDITY                                       |                                   |                                          |                  | X            | Ice             |                     |                       | 1            | E |    |   |   |
| 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            | E |    |   |   |
|                                    | 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      |                                          |                  |              |                 |                     |                       |              |   |    |   |   |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2022-12-05-32                                                                                                                              | <b>Collected By:</b> Monica Jaeger, William Mullen                        |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Monica Jaeger, 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> G3SD0208 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** Apollo Waterway EBranch

**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)        |              |   |   |
|------------------------------------|-----------------------------------|----------------------------------------------------------------------------|------------------------------------------|-------------------------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|---|---|
| 12/15/2022 930                     | 6.3                               | 77.9                                                                       | 23.9                                     | 7.51                          | 0.3              | 0.9          | 1.1             | 14107               | 8.16                  |              |   |   |
| Parameter Suite                    | Parameter Methods                 |                                                                            |                                          |                               | Preservation     |              | pH Check        |                     | # Bottles sent to Lab | Bottle Group |   |   |
| Preserved Nutrients (P-500ML)      | X                                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                |                                          |                               | X                | Ice          | X               | H2SO4*              | X                     | <2           | 1 | B |
|                                    |                                   | Lot #                                                                      |                                          | SA2229010                     | Exp:             | 08/30/23     |                 |                     |                       |              |   |   |
| 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            | B |   |
| 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) | X                                 | Alkalinity / W-F / W-TSS / TURBIDITY                                       |                                          |                               |                  | X            | Ice             |                     |                       | 1            | B |   |
| 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 |   |
|                                    | 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                               | X                             | W-PSNP-TQ        | X            | Ice             | MCAA Exp.           | MCAA Lot#             | 2            | B |   |
|                                    |                                   | W-PCL-TQ-R                                                                 | W-CARB-AA (5 ml of MCAA Buffer Solution) |                               | W-CT-CL-R        |              |                 |                     |                       |              |   |   |
|                                    | X                                 | 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-2022-12-05-32                                                                                                                              | <b>Collected By:</b> Monica Jaeger, William Mullen             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Monica Jaeger, 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> G3SD0195 | <b>Comments:</b>                                               |

**Location:** Apollo Waterway WBranch

**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)        |              |    |   |  |
|------------------------------------|-----------------------------------|----------------------------------------------------------------------------|------------------------------------------|-------------------------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|----|---|--|
| 12/15/2022<br>945                  | 8.83                              | 109.4                                                                      | 23.6                                     | 7.86                          | 0.3              | 0.3          | 0.6             | 14867               | 8.65                  |              |    |   |  |
| Parameter Suite                    | Parameter Methods                 |                                                                            |                                          |                               | Preservation     |              | pH Check        |                     | # Bottles sent to Lab | Bottle Group |    |   |  |
| Preserved Nutrients (P-500ML)      | X                                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                |                                          |                               | X                | Ice          | X               | H2SO4*              | X                     | <2           | 1  | F |  |
|                                    |                                   | Lot #                                                                      |                                          | SA2229010                     | Exp:             | 08/30/23     |                 |                     |                       |              |    |   |  |
| 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            | F  |   |  |
| 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) | X                                 | Alkalinity / W-F / W-TSS / TURBIDITY                                       |                                          |                               |                  | X            | Ice             |                     |                       | 1            | F  |   |  |
| 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            | F  |   |  |
|                                    |                                   | 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      |                                                                            |                                          |                               |                  |              |                 |                     |                       |              |    |   |  |



|                                                                                                                                               |                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| RQ-2022-12-05-32                                                                                                                              | <b>Collected By:</b> Monica Jaeger, William Mullen             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Monica Jaeger, 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> G3SD0070 | <b>Comments:</b>                                               |

**Location:** ROCK CREEK @ EISENHOWER DR

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 <sub>h</sub> ) |              |   |    |   |   |
|------------------------------------|-------------------|----------------------------------------------------------------------------|-----------------------------------|------------------------------------------|------------------|--------------|-----------------|---------------------|------------------------------|--------------|---|----|---|---|
| 12/15/2022 955                     | 6.38              | 78.9                                                                       | 23.6                              | 7.63                                     | 0.3              | 0.8          | 0.8             | 13975               | 8.07                         |              |   |    |   |   |
| 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 #                                                                      | SA2229010                         |                                          | Exp:             | 08/30/23     |                 |                     |                              |              |   |    |   |   |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                    | X                                 | W-ICP                                    | X                | W-HARD       | X               | Ice                 | X                            | HNO3*        | X | <2 | 1 | A |
|                                    |                   | Lot #                                                                      | NA1286110                         |                                          | Exp:             | 11/16/23     |                 |                     |                              |              |   |    |   |   |
| 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)  |                   | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |                                   |                                          |                  |              | Ice             |                     |                              |              |   |    |   |   |
| Physical/Aggregate (Marine) (P-1L) | X                 | Alkalinity / W-F / W-TSS / TURBIDITY                                       |                                   |                                          |                  | X            | Ice             |                     |                              | 1            | A |    |   |   |
| 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 |    |   |   |
|                                    |                   | Contract Lab                                                               |                                   |                                          |                  |              |                 |                     |                              |              |   |    |   |   |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                  |                                   | PCR-BacR                                 |                  | PCR-DG3      |                 | Ice                 |                              |              |   |    |   |   |
|                                    |                   | PCR-GULL2                                                                  |                                   | PCR-GFD                                  |                  |              |                 |                     |                              |              |   |    |   |   |
| Tracers (BG-500ML)                 |                   | W-E8321-DI                                                                 |                                   | W-E8321-MS                               |                  |              |                 | Ice                 |                              |              |   |    |   |   |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-E8321-DI                                                                 |                                   | W-E8321-MS                               | X                | W-PSNP-TQ    | X               | Ice                 | MCAA Exp.                    | MCAA Lot#    | 2 | A  |   |   |
|                                    |                   | W-PCL-TQ-R                                                                 |                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) |                  | W-CT-CL-R    |                 |                     |                              |              |   |    |   |   |
|                                    | X                 | 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      |                                          |                  |              |                 |                     |                              |              |   |    |   |   |



|                                                             |                                                                |
|-------------------------------------------------------------|----------------------------------------------------------------|
| RQ-2022-12-05-32                                            | <b>Collected By:</b> Monica Jaeger, William Mullen             |
| <b>Customer:</b> FDEP                                       | <b>Field Report Prepared by:</b> Monica Jaeger, 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> G3SD0068 | <b>Comments:</b>                                               |

**Location:** MYAKKA RIVER (TIDAL) @ US 41

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)        |              |    |   |  |
|------------------------------------|-----------------------------------|----------------------------------------------------------------------------|------------------------------------------|-------------------------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|----|---|--|
| 12/15/2022 1015                    | 7.37                              | 88.3                                                                       | 23.2                                     | 7.67                          | 0.3              | 0.3          | 0.6             | 7040                | 3.87                  |              |    |   |  |
| Parameter Suite                    | Parameter Methods                 |                                                                            |                                          |                               | Preservation     |              | pH Check        |                     | # Bottles sent to Lab | Bottle Group |    |   |  |
| Preserved Nutrients (P-500ML)      | X                                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                |                                          |                               | X                | Ice          | X               | H2SO4*              | X                     | <2           | 1  | C |  |
|                                    |                                   | Lot #                                                                      | SA2229010                                |                               | Exp:             | 08/20/23     |                 |                     |                       |              |    |   |  |
| 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            | C  |   |  |
| 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) | X                                 | Alkalinity / W-F / W-TSS / TURBIDITY                                       |                                          |                               |                  | X            | Ice             |                     |                       | 1            | C  |   |  |
| Macroinvertebrates (PJ-2L)         |                                   | MI-FW-QLDC                                                                 | Formalin Lot #                           |                               |                  | Formalin     |                 |                     |                       |              |    |   |  |
| Periphyton (PT-50ML)               |                                   | ALGAE-ID                                                                   |                                          |                               |                  |              | Ice             |                     |                       |              |    |   |  |
| Microbiology (Contract Lab Bottle) |                                   | E Coli                                                                     | F Coli                                   | Enterococci                   |                  |              | Ice             |                     |                       |              |    |   |  |
|                                    |                                   | Contract Lab                                                               |                                          |                               |                  |              |                 |                     |                       |              |    |   |  |
| Molecular (QPCR-P-500ML)           |                                   | PCR-HF183                                                                  | PCR-BacR                                 | PCR-DG3                       |                  |              | Ice             |                     |                       |              |    |   |  |
|                                    |                                   | PCR-GULL2                                                                  | PCR-GFD                                  |                               |                  |              |                 |                     |                       |              |    |   |  |
| Tracers (BG-500ML)                 |                                   | W-E8321-DI                                                                 | W-E8321-MS                               |                               |                  | Ice          |                 |                     |                       |              |    |   |  |
| Pesticides (BG-500ML) (BG-1L)      |                                   | W-E8321-DI                                                                 | W-E8321-MS                               | X                             | W-PSNP-TQ        |              | Ice             | MCAA Exp.           | MCAA Lot#             | 2            | C  |   |  |
|                                    |                                   | W-PCL-TQ-R                                                                 | W-CARB-AA (5 ml of MCAA Buffer Solution) |                               | W-CT-CL-R        |              |                 |                     |                       |              |    |   |  |
|                                    | X                                 | 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      |                                                                            |                                          |                               |                  |              |                 |                     |                       |              |    |   |  |

|                                                                                                                                               |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G2SD0026 | <b>Comments:</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------|

Matrix: Marine

✓ Grab

☐ Composite

| Parameter Suite                    | Parameter Methods                 |                                                                              |  |                |                                          |            |      | Preservation |     |          | pH Check |           | # Bottles sent to Lab | Bottle Group |    |  |  |
|------------------------------------|-----------------------------------|------------------------------------------------------------------------------|--|----------------|------------------------------------------|------------|------|--------------|-----|----------|----------|-----------|-----------------------|--------------|----|--|--|
| Preserved Nutrients (P-500ML)      |                                   | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |  |                |                                          |            |      |              | Ice |          | H2SO4*   |           | <2                    |              |    |  |  |
|                                    | Lot #                             |                                                                              |  |                |                                          |            | Exp: |              |     |          |          |           |                       |              |    |  |  |
| Metals (P-500ML)                   |                                   | W-ICPMS                                                                      |  |                | W-ICP                                    |            |      | W-HARD       |     |          | Ice      |           | HNO3*                 |              | <2 |  |  |
|                                    | Lot #                             |                                                                              |  |                |                                          |            | Exp: |              |     |          |          |           |                       |              |    |  |  |
| Filtered Nutrients (P125ML)        |                                   | W-PO4-F                                                                      |  |                | Field Filtered 0.45 um Filter            |            |      |              |     | Ice      |          |           |                       |              |    |  |  |
|                                    | Filter Lot #                      |                                                                              |  |                | Syringe Lot #                            |            |      |              |     |          |          |           |                       |              |    |  |  |
| BOD (BP-1L)                        |                                   | OV-BODUNIN                                                                   |  |                |                                          |            |      |              | Ice |          |          |           |                       |              |    |  |  |
| Chlorophyll (BP-1L)                |                                   | CHLSUITE-W                                                                   |  |                |                                          |            |      |              | Ice |          |          |           |                       |              |    |  |  |
| Physical/Aggregate (Fresh) (P-1L)  |                                   | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |  |                |                                          |            |      |              | Ice |          |          |           |                       |              |    |  |  |
| Physical/Aggregate (Marine) (P-1L) |                                   | Alkalinity / W-F / W-TSS / TURBIDITY                                         |  |                |                                          |            |      |              | Ice |          |          |           |                       |              |    |  |  |
| Macroinvertebrates (PJ-2L)         |                                   | MI-FW-QLDC                                                                   |  | Formalin Lot # |                                          |            |      |              |     | Formalin |          |           |                       |              |    |  |  |
| Periphyton (PT-50ML)               |                                   | ALGAE-ID                                                                     |  |                |                                          |            |      |              | Ice |          |          |           |                       |              |    |  |  |
| Microbiology (Contract Lab Bottle) |                                   | 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)                 | X                                 | W-E8321-DI                                                                   |  | X              | W-E8321-MS                               |            |      | x            | Ice |          |          |           | 1                     | D            |    |  |  |
| Pesticides (BG-500ML) (BG-1L)      |                                   | W-E8321-DI                                                                   |  |                | W-E8321-MS                               |            |      | W-PSNP-TQ    |     | x        | Ice      | MCAA Exp. | MCAA Lot#             | 4            | D  |  |  |
|                                    | X                                 | W-PCL-TQ-R                                                                   |  |                | W-CARB-AA (5 ml of MCAA Buffer Solution) |            | X    | W-CT-CL-R    |     |          |          |           |                       |              |    |  |  |
|                                    |                                   | W-TR-SQ-R                                                                    |  |                | X                                        | W-PCB-TQ-R |      |              |     |          |          |           |                       |              |    |  |  |
| Phytoplankton                      |                                   | DTY-QN-C                                                                     |  |                | PKD-QN-BV                                |            |      |              | Ice |          |          |           |                       |              |    |  |  |
| DOC                                |                                   | W-DOC                                                                        |  |                | Field Filtered 0.45 um Filter            |            |      |              | Ice |          | H2SO 4*  |           | <2                    |              |    |  |  |
|                                    | Acid Preservative Expiration Date |                                                                              |  |                |                                          |            |      |              |     |          |          |           |                       |              |    |  |  |
|                                    | Acid Preservative Lot Number      |                                                                              |  |                |                                          |            |      |              |     |          |          |           |                       |              |    |  |  |

Benchmark EnviroAnalytical, Inc.  
1001 Corporate Ave. Suite 102  
North Port, FL 34289  
(941) 625-3137 / (941) 240-3071 fax

BEAS Sample Receipt Temp. 29 °C

Client Name: FDEP

Address: 2600 Blair Stone Rd.

Tallahassee, FL 32399

Phone:

Email:

Checked at Benchmark EA South E85088

With Temperature Gun ID #7

2022-12-05-32

Project Name: RQ-2021-

Project Run/Location: SMP, Myakka cricks

Station ID

Surface Water Sample Matrix (Fresh / Marine)

Sample Type

Enterococci

E.coli (SM9223B Quantitray)

Laboratory Sample #

Laboratory Submission #:

522120466

E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL

|          |              |                       |          |     |   |
|----------|--------------|-----------------------|----------|-----|---|
| G3SD0071 | F / M / Grab | E. coli / Enterococci | 12/15/22 | 825 | 1 |
| G3SD0185 | F / M / Grab | E. coli / Enterococci | 12/15/22 | 880 | 3 |
| G3SD0208 | F / M / Grab | E. coli / Enterococci | 12/15/22 | 950 | 3 |
| G3SD0195 | F / M / Grab | E. coli / Enterococci | 12/15/22 | 945 | 4 |
| G3SD0070 | F / M / Grab | E. coli / Enterococci | 12/15/22 | 955 | 5 |
|          | F / M / Grab | E. coli / Enterococci |          |     |   |
|          | F / M / Grab | E. coli / Enterococci |          |     |   |
|          | F / M / Grab | E. coli / Enterococci |          |     |   |
|          | F / M / Grab | E. coli / Enterococci |          |     |   |
|          | F / M / Grab | E. coli / Enterococci |          |     |   |
|          | F / M / Grab | E. coli / Enterococci |          |     |   |
|          | F / M / Grab | E. coli / Enterococci |          |     |   |

"Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).

"Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SDMNT), or sludge (SLDQ).

"Container Type" is used to indicate whether the container is plastic (P) or glass (G).

Sample must be refrigerated or stored in wet ice after collection. The maximum temperature during storage should be 6°C (42.8°F). Under "Preservative," list any preservatives that were added to the sample container.

1. Each bottle has a label identifying sample ID, pre-manufactured preservative contained in the bottle, sample type, client ID, and parameters for analysis.

2. The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.

3. All bottles not containing preservative may be rinsed with appropriate sample prior to collection.

4. The client is responsible for documentation of the sampling event. Please use special sampling events on this sample custody form.

Laboratory Sample Acceptability: pH < 2.0 BEAS Temperature: 29°C

|   |                          |                |             |                                      |                |             |
|---|--------------------------|----------------|-------------|--------------------------------------|----------------|-------------|
| 1 | Collector: Monica Jaeger | Date: 12/15/22 | Time: 11:38 | Received By: Melinda Merchant - BEAS | Date: 12/15/22 | Time: 11:38 |
| 2 | Relinquished by:         | Date:          | Time:       | Received By:                         | Date:          | Time:       |
| 3 | Relinquished by:         | Date:          | Time:       | Received By:                         | Date:          | Time:       |
| 4 | Relinquished by:         | Date:          | Time:       | Received By:                         | Date:          | Time:       |
| 5 | Relinquished by:         | Date:          | Time:       | Received By:                         | Date:          | Time:       |