

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 7/10/2024  
**Customer:** SE-DIST  
**RQ:** RQ-2024-07-01-23

**Collected By:** Andrew Luering, Natalie Howard  
**Sampling Agency:** FDEP  
**Project ID:** SMP

**EDD file path:** [https://floridadep.sharepoint.com/dear/Sample%20Receiving/2024/2024-07-01-23\\_SE-DIST\\_COC\\_EDD\\_2024\\_07\\_10.txt](https://floridadep.sharepoint.com/dear/Sample%20Receiving/2024/2024-07-01-23_SE-DIST_COC_EDD_2024_07_10.txt)

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                                                                                   |
|--------------------------------|---------------------------------------------------------------------------------------------------|
| DANFORTH CREEK AT MARTIN DOWNS | <br>G2SE0059    |
| FB                             | <br>FB_07102024 |
| ST LUCIE CANAL NEAR I 95       | <br>G2SE0077  |
| ROEBUCK CREEK AT LOCKS         | <br>G2SE0029  |
| ROEBUCK NEAR BUCKSKIN TRAIL    | <br>G2SE0080  |
| ROEBUCK NEAR TROPICAL AVE      | <br>G2SE0082  |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 7/10/2024  
1600 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:

Rec'd/Inspected  
Date:

|                        |                                                                 |
|------------------------|-----------------------------------------------------------------|
| RQ-2024-07-01-23       | <b>Collected By:</b> Andrew Luering, Natalie Howard             |
| <b>Customer:</b> FDEP  | <b>Field Report Prepared by:</b> Andrew Luering, Natalie Howard |
| <b>Project ID:</b> SMP | <b>Sampling Agency:</b> FDEP                                    |

|                                                                                                                                               |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G2SE0059 | <b>Comments:</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------|

Matrix: Fresh

(Check One)

✓ Grab

☐ Composite

| Date and Time<br>{EST} | DO<br>(mg/L) | DO<br>(%SAT) | Temp. °C | pH   | Sample<br>Depth (m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos /cm) | Salinity<br>(PPT <sub>h</sub> ) |
|------------------------|--------------|--------------|----------|------|---------------------|-----------------|-----------------------|------------------------|---------------------------------|
| 7/10/2024<br>1145      | 4.58         | 59.6         | 28.8     | 7.03 | 0.16                | 0.32            | 0.32                  | 595                    | 0.29                            |

| Parameter Suite                    | Parameter Methods                 |                                                                              |           |                |                                          |  |            |             | Preservation |     |        | pH Check  |           | # Bottles sent to Lab | Bottle Group |    |   |   |  |
|------------------------------------|-----------------------------------|------------------------------------------------------------------------------|-----------|----------------|------------------------------------------|--|------------|-------------|--------------|-----|--------|-----------|-----------|-----------------------|--------------|----|---|---|--|
| Preserved Nutrients (P-500ML)      | X                                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |           |                |                                          |  |            | X           | Ice          | X   | H2SO4* |           | X         | <2                    | 1            | F  |   |   |  |
|                                    | Lot #                             |                                                                              | SA3340020 |                | Exp:                                     |  | 12/11/2024 |             |              |     |        |           |           |                       |              |    |   |   |  |
| Metals (P-500ML)                   |                                   | W-ICPMS                                                                      |           |                | W-ICP                                    |  |            | W-HARD      |              |     | Ice    |           | HNO3*     |                       |              | <2 |   |   |  |
|                                    | Lot #                             |                                                                              |           |                | Exp:                                     |  |            |             |              |     |        |           |           |                       |              |    |   |   |  |
| Filtered Nutrients (P125ML)        | X                                 | W-PO4-F                                                                      |           | X              | Field Filtered 0.45 um Filter            |  |            |             | x            | Ice |        |           |           |                       | 1            | F  |   |   |  |
|                                    | Filter Lot #                      |                                                                              | 17347262  |                | Syringe Lot #                            |  | 4122795    |             |              |     |        |           |           |                       |              |    |   |   |  |
| BOD (BP-1L)                        |                                   | OV-BODUNIN                                                                   |           |                |                                          |  |            |             | Ice          |     |        |           |           |                       |              |    |   |   |  |
| Chlorophyll (BP-1L)                | X                                 | CHLSUITE-W                                                                   |           |                |                                          |  |            | x           | Ice          |     |        |           |           |                       |              | 1  | F |   |  |
| Physical/Aggregate (Fresh) (P-1L)  | X                                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |           |                |                                          |  |            | x           | Ice          |     |        |           |           |                       |              | 1  | F |   |  |
| Physical/Aggregate (Marine) (P-1L) |                                   | Alkalinity / W-F / W-TSS / TURBIDITY                                         |           |                |                                          |  |            |             | Ice          |     |        |           |           |                       |              |    |   |   |  |
| Macroinvertebrates (PJ-2L)         |                                   | MI-FW-QLDC                                                                   |           | Formalin Lot # |                                          |  |            |             | Formalin     |     |        |           |           |                       |              |    |   |   |  |
| Periphyton (PT-50ML)               |                                   | ALGAE-ID                                                                     |           |                |                                          |  |            |             | Ice          |     |        |           |           |                       |              |    |   |   |  |
| Microbiology (Contract Lab Bottle) | X                                 | E Coli                                                                       |           |                | F Coli                                   |  |            | Enterococci |              | x   | Ice    |           |           |                       |              |    | 1 | F |  |
|                                    | Contract Lab                      |                                                                              |           |                |                                          |  |            |             |              |     |        |           |           |                       |              |    |   |   |  |
| Molecular (QPCR-P-500ML)           |                                   | PCR-HF183                                                                    |           |                | PCR-BacR                                 |  |            | PCR-DG3     |              |     | Ice    |           |           |                       |              |    |   |   |  |
|                                    |                                   | PCR-GULL2                                                                    |           |                | PCR-GFD                                  |  |            |             |              |     |        |           |           |                       |              |    |   |   |  |
| Tracers (BG-500ML)                 |                                   | W-E8321-DI                                                                   |           |                | W-E8321-MS                               |  |            |             |              | Ice |        |           |           |                       |              |    |   |   |  |
| Pesticides (BG-500ML) (BG-1L)      |                                   | W-E8321-DI                                                                   |           |                | W-E8321-MS                               |  |            | W-PSNP-TQ   |              |     | Ice    | MCAA Exp. | MCAA Lot# |                       |              |    |   |   |  |
|                                    |                                   | W-PCL-TQ-R                                                                   |           |                | W-CARB-AA (5 ml of MCAA Buffer Solution) |  |            | W-CT-CL-R   |              |     |        |           |           |                       |              |    |   |   |  |
|                                    |                                   | W-TR-SQ-R                                                                    |           |                | W-PCB-TQ-R                               |  |            |             |              |     |        |           |           |                       |              |    |   |   |  |
| Phytoplankton (BP-1L)              |                                   | DTY-QN-C                                                                     |           |                | PKD-QN-BV                                |  |            |             |              | Ice |        |           |           |                       |              |    |   |   |  |
| DOC (P-500ML)                      |                                   | W-DOC                                                                        |           |                | Field Filtered 0.45 um Filter            |  |            |             |              | Ice |        | H2SO4*    |           | <2                    |              |    |   |   |  |
|                                    | Acid Preservative Expiration Date |                                                                              |           |                |                                          |  |            |             |              |     |        |           |           |                       |              |    |   |   |  |
|                                    | Acid Preservative Lot Number      |                                                                              |           |                |                                          |  |            |             |              |     |        |           |           |                       |              |    |   |   |  |



|                                                                                                                                                  |                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| RQ-2024-07-01-23                                                                                                                                 | <b>Collected By:</b> Andrew Luering, Natalie Howard             |
| <b>Customer:</b> FDEP                                                                                                                            | <b>Field Report Prepared by:</b> Andrew Luering, Natalie Howard |
| <b>Project ID:</b> SMP                                                                                                                           | <b>Sampling Agency:</b> FDEP                                    |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> FB_07102024 | <b>Comments:</b>                                                |

Location: FB

Matrix: W-FIELD-BLANK

(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 (PPTH)       |              |    |   |  |
|------------------------------------|-------------------|----------------------------------------------------------------------------|------------------------------------------|---------------|-------------------------------|--------------|-----------------|---------------------|-----------------------|--------------|----|---|--|
| 7/10/2024<br>1200                  |                   |                                                                            |                                          |               |                               |              |                 |                     |                       |              |    |   |  |
| Parameter Suite                    | Parameter Methods |                                                                            |                                          |               | Preservation                  |              | pH Check        |                     | # Bottles sent to Lab | Bottle Group |    |   |  |
| Preserved Nutrients (P-500ML)      | X                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                |                                          |               | X                             | Ice          | X               | H2SO4*              | X                     | <2           | 1  | G |  |
|                                    |                   | Lot #                                                                      |                                          | SA3340020     | Exp:                          | 12/11/2024   |                 |                     |                       |              |    |   |  |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                    |                                          | W-ICP         | W-HARD                        |              | Ice             |                     | HNO3*                 |              | <2 |   |  |
|                                    |                   | Lot #                                                                      |                                          | Exp:          |                               |              |                 |                     |                       |              |    |   |  |
| Filtered Nutrients (P125ML)        | X                 | W-PO4-F                                                                    |                                          | X             | Field Filtered 0.45 um Filter |              | X               | Ice                 |                       | 1            | G  |   |  |
|                                    |                   | Filter Lot #                                                               | 17347262                                 | Syringe Lot # | 4122795                       |              |                 |                     |                       |              |    |   |  |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                 |                                          |               |                               |              | Ice             |                     |                       |              |    |   |  |
| Chlorophyll (BP-1L)                |                   | CHLSUITE-W                                                                 |                                          |               |                               |              | Ice             |                     |                       |              |    |   |  |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |                                          |               |                               | X            | Ice             |                     |                       |              |    |   |  |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-F / W-TSS / TURBIDITY                                       |                                          |               |                               |              | Ice             |                     |                       |              |    |   |  |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                 | Formalin Lot #                           |               |                               | Formalin     |                 |                     |                       |              |    |   |  |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                   |                                          |               |                               |              | Ice             |                     |                       |              |    |   |  |
| Microbiology (Contract Lab Bottle) |                   | E Coli                                                                     | F Coli                                   | Enterococci   |                               | Ice          |                 |                     |                       |              |    |   |  |
|                                    |                   | Contract Lab                                                               |                                          |               |                               |              |                 |                     |                       |              |    |   |  |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                  | PCR-BacR                                 | PCR-DG3       |                               | Ice          |                 |                     |                       |              |    |   |  |
|                                    |                   | PCR-GULL2                                                                  | PCR-GFD                                  |               |                               |              |                 |                     |                       |              |    |   |  |
| Tracers (BG-500ML)                 |                   | W-E8321-DI                                                                 |                                          | W-E8321-MS    |                               |              | Ice             |                     |                       |              |    |   |  |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-E8321-DI                                                                 | W-E8321-MS                               |               | W-PSNP-TQ                     | Ice          | MCAA Exp.       | MCAA Lot#           |                       |              |    |   |  |
|                                    |                   | W-PCL-TQ-R                                                                 | W-CARB-AA (5 ml of MCAA Buffer Solution) |               | W-CT-CL-R                     |              |                 |                     |                       |              |    |   |  |
|                                    |                   | W-TR-SQ-R                                                                  | W-PCB-TQ-R                               |               |                               |              |                 |                     |                       |              |    |   |  |
| Phytoplankton (BP-1L)              |                   | DTY-QN-C                                                                   |                                          | PKD-QN-BV     |                               |              | Ice             |                     |                       |              |    |   |  |
| DOC (P-500ML)                      |                   | W-DOC                                                                      | Field Filtered 0.45 um Filter            |               |                               | Ice          |                 | H2SO 4*             |                       | <2           |    |   |  |
|                                    |                   |                                                                            | Acid Preservative Expiration Date        |               |                               |              |                 |                     |                       |              |    |   |  |
|                                    |                   |                                                                            | Acid Preservative Lot Number             |               |                               |              |                 |                     |                       |              |    |   |  |



|                                                                                                                                               |                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| RQ-2024-07-01-23                                                                                                                              | <b>Collected By:</b> Natalie Howard, Andrew Luering             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Natalie Howard, Andrew Luering |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                    |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G2SE0077 | <b>Comments:</b>                                                |

**Location:** ST LUCIE CANAL NEAR I 95

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> ) |              |   |    |   |   |
|------------------------------------|-------------------|----------------------------------------------------------------------------|-----------------------------------|------------------------------------------|------------------|--------------|-----------------|---------------------|------------------------------|--------------|---|----|---|---|
| 7/10/2024<br>1220                  | 4.77              | 66.2                                                                       | 31.6                              | 7.38                                     | 0.07             | 0.14         | 0.14            | 5845                | 3.13                         |              |   |    |   |   |
| 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 #                                                                      | SA3340020                         |                                          | Exp:             | 12/11/2024   |                 |                     |                              |              |   |    |   |   |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                    | X                                 | W-ICP                                    | X                | W-HARD       | X               | Ice                 | X                            | HNO3*        | X | <2 | 1 | B |
|                                    |                   | Lot #                                                                      | NA3193130                         |                                          | Exp:             | 07/27/2024   |                 |                     |                              |              |   |    |   |   |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                    |                                   | Field Filtered 0.45 µm Filter            |                  |              | Ice             |                     |                              |              |   |    |   |   |
|                                    |                   | Filter Lot #                                                               |                                   | Syringe Lot #                            |                  |              |                 |                     |                              |              |   |    |   |   |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                 |                                   |                                          |                  |              | Ice             |                     |                              |              |   |    |   |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                 |                                   |                                          |                  | X            | Ice             |                     |                              | 1            | B |    |   |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |                                   |                                          |                  | X            | Ice             |                     |                              | 1            | B |    |   |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-F / W-TSS / TURBIDITY                                       |                                   |                                          |                  |              | Ice             |                     |                              |              |   |    |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                 |                                   | Formalin Lot #                           |                  |              | Formalin        |                     |                              |              |   |    |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                   |                                   |                                          |                  |              | Ice             |                     |                              |              |   |    |   |   |
| Microbiology (Contract Lab Bottle) |                   | E Coli                                                                     |                                   | F Coli                                   | X                | Enterococci  | X               | Ice                 |                              | 1            | B |    |   |   |
|                                    |                   | Contract Lab                                                               |                                   |                                          |                  |              |                 |                     |                              |              |   |    |   |   |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                  |                                   | PCR-BacR                                 |                  | PCR-DG3      |                 | Ice                 |                              |              |   |    |   |   |
|                                    |                   | PCR-GULL2                                                                  |                                   | PCR-GFD                                  |                  |              |                 |                     |                              |              |   |    |   |   |
| Tracers (BG-500ML)                 | X                 | W-E8321-DI                                                                 | X                                 | W-E8321-MS                               |                  |              | X               | Ice                 |                              | 1            | B |    |   |   |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-E8321-DI                                                                 |                                   | W-E8321-MS                               |                  | W-PSNP-TQ    |                 | Ice                 | MCAA Exp.                    | MCAA Lot#    |   |    |   |   |
|                                    |                   | W-PCL-TQ-R                                                                 |                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) |                  | W-CT-CL-R    |                 |                     |                              |              |   |    |   |   |
|                                    |                   | W-TR-SQ-R                                                                  |                                   | W-PCB-TQ-R                               |                  |              |                 |                     |                              |              |   |    |   |   |
| Phytoplankton (BP-1L)              |                   | DTY-QN-C                                                                   |                                   | PKD-QN-BV                                |                  |              |                 | Ice                 |                              |              |   |    |   |   |
| DOC (P-500ML)                      |                   | W-DOC                                                                      |                                   | Field Filtered 0.45 µm Filter            |                  | Ice          |                 | H2SO4*              |                              | <2           |   |    |   |   |
|                                    |                   |                                                                            | Acid Preservative Expiration Date |                                          |                  |              |                 |                     |                              |              |   |    |   |   |
|                                    |                   |                                                                            | Acid Preservative Lot Number      |                                          |                  |              |                 |                     |                              |              |   |    |   |   |



|                                                                                                                                               |                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| RQ-2024-07-01-23                                                                                                                              | <b>Collected By:</b> Andrew Luring, Natalie Howard             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Andrew Luring, Natalie Howard |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                   |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G2SE0029 | <b>Comments:</b>                                               |

**Location:** ROEBUCK CREEK AT LOCKS

Matrix: Fresh

(Check One)

☒ Grab

☐ Composite

| Date and Time {EST}                | DO (mg/L)         | DO (%SAT)                                                                  | Temp. °C                                 | pH                            | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT)        |              |    |   |     |   |   |
|------------------------------------|-------------------|----------------------------------------------------------------------------|------------------------------------------|-------------------------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|----|---|-----|---|---|
| 7/10/2024 1255                     | 2.74              | 34.6                                                                       | 26.9                                     | 7.43                          | 0.06             | 0.12         | 0.12            | 691                 | 0.33                  |              |    |   |     |   |   |
| 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 #                                                                      | SA3340020                                |                               | Exp:             | 12/11/2024   |                 |                     |                       |              |    |   |     |   |   |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                    |                                          | W-ICP                         | W-HARD           |              | Ice             |                     | HNO3*                 |              | <2 |   |     |   |   |
|                                    |                   | Lot #                                                                      |                                          |                               | Exp:             |              |                 |                     |                       |              |    |   |     |   |   |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                    |                                          | Field Filtered 0.45 µm Filter |                  |              | Ice             |                     |                       |              |    |   |     |   |   |
|                                    |                   | Filter Lot #                                                               |                                          | Syringe Lot #                 |                  |              |                 |                     |                       |              |    |   |     |   |   |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                 |                                          |                               |                  |              | Ice             |                     |                       |              |    |   |     |   |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                 |                                          |                               |                  | X            | Ice             |                     |                       |              |    |   | 1   | A |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |                                          |                               |                  | X            | Ice             |                     |                       |              |    |   | 1   | A |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-F / W-TSS / TURBIDITY                                       |                                          |                               |                  |              | Ice             |                     |                       |              |    |   |     |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                 | Formalin Lot #                           |                               |                  | Formalin     |                 |                     |                       |              |    |   |     |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                   |                                          |                               |                  |              | Ice             |                     |                       |              |    |   |     |   |   |
| Microbiology (Contract Lab Bottle) | X                 | E Coli                                                                     |                                          | F Coli                        | 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                               |                               |                  | W-PSNP-TQ    | Ice             | MCAA Exp.           | MCAA Lot#             |              |    |   |     |   |   |
|                                    |                   | W-PCL-TQ-R                                                                 | W-CARB-AA (5 ml of MCAA Buffer Solution) |                               |                  | W-CT-CL-R    |                 |                     |                       |              |    |   |     |   |   |
|                                    |                   | W-TR-SQ-R                                                                  | W-PCB-TQ-R                               |                               |                  |              |                 |                     |                       |              |    |   |     |   |   |
| Phytoplankton (BP-1L)              |                   | DTY-QN-C                                                                   |                                          | PKD-QN-BV                     |                  |              | Ice             |                     |                       |              |    |   |     |   |   |
| DOC (P-500ML)                      |                   | W-DOC                                                                      | Field Filtered 0.45 µm Filter            |                               |                  | Ice          |                 | H2SO4*              |                       | <2           |    |   |     |   |   |
|                                    |                   |                                                                            | Acid Preservative Expiration Date        |                               |                  |              |                 |                     |                       |              |    |   |     |   |   |
|                                    |                   |                                                                            | Acid Preservative Lot Number             |                               |                  |              |                 |                     |                       |              |    |   |     |   |   |



|                                                                                                                                               |                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| RQ-2024-07-01-23                                                                                                                              | <b>Collected By:</b> Andrew Luering, Natalie Howard             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Andrew Luering, Natalie Howard |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                    |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G2SE0080 | <b>Comments:</b>                                                |

**Location:** ROEBUCK NEAR BUCKSKIN TRAIL

Matrix: Fresh

(Check One)

☒ Grab

☐ Composite

| Date and Time {EST}                | DO (mg/L)                                                                  | DO (%SAT)                                | Temp. °C                      | pH        | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT)        |              |
|------------------------------------|----------------------------------------------------------------------------|------------------------------------------|-------------------------------|-----------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|
| 7/10/2024<br>1310                  | 2.94                                                                       | 36.7                                     | 26.3                          | 7.29      | 0.08             | 0.16         | 0.16            | 751                 | 0.36                  |              |
| Parameter Suite                    | Parameter Methods                                                          |                                          |                               |           | Preservation     |              | pH Check        |                     | # Bottles sent to Lab | Bottle Group |
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                |                                          |                               |           | Ice              | H2SO4*       | <2              |                     |                       |              |
|                                    | Lot #                                                                      |                                          | Exp:                          |           |                  |              |                 |                     |                       |              |
| Metals (P-500ML)                   | W-ICPMS                                                                    |                                          | W-ICP                         | W-HARD    | Ice              | HNO3*        | <2              |                     |                       |              |
|                                    | Lot #                                                                      |                                          | Exp:                          |           |                  |              |                 |                     |                       |              |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                    |                                          | Field Filtered 0.45 µm Filter |           | Ice              |              |                 |                     |                       |              |
|                                    | Filter Lot #                                                               | Syringe Lot #                            |                               |           |                  |              |                 |                     |                       |              |
| BOD (BP-1L)                        | OV-BODUNIN                                                                 |                                          |                               |           | Ice              |              |                 |                     |                       |              |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                 |                                          |                               |           | Ice              |              |                 |                     |                       |              |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |                                          |                               |           | Ice              |              |                 |                     |                       |              |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY                                       |                                          |                               |           | Ice              |              |                 |                     |                       |              |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                 | Formalin Lot #                           |                               |           | Formalin         |              |                 |                     |                       |              |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                   |                                          |                               |           | Ice              |              |                 |                     |                       |              |
| Microbiology (Contract Lab Bottle) | X                                                                          | E Coli                                   | F Coli                        | X         | Enterococci      | x            | Ice             | 1                   | C                     |              |
|                                    | Contract Lab                                                               |                                          |                               |           |                  |              |                 |                     |                       |              |
| Molecular (QPCR-P-500ML)           | PCR-HF183                                                                  |                                          | PCR-BacR                      | PCR-DG3   | Ice              |              |                 |                     |                       |              |
|                                    | PCR-GULL2                                                                  |                                          | PCR-GFD                       |           |                  |              |                 |                     |                       |              |
| Tracers (BG-500ML)                 | W-E8321-DI                                                                 |                                          | W-E8321-MS                    |           | Ice              |              |                 |                     |                       |              |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI                                                                 | W-E8321-MS                               |                               | W-PSNP-TQ | Ice              | MCAA Exp.    | MCAA Lot#       |                     |                       |              |
|                                    | W-PCL-TQ-R                                                                 | W-CARB-AA (5 ml of MCAA Buffer Solution) |                               | W-CT-CL-R |                  |              |                 |                     |                       |              |
|                                    | W-TR-SQ-R                                                                  | W-PCB-TQ-R                               |                               |           |                  |              |                 |                     |                       |              |
| Phytoplankton (BP-1L)              | DTY-QN-C                                                                   |                                          | PKD-QN-BV                     |           | Ice              |              |                 |                     |                       |              |
| DOC (P-500ML)                      | W-DOC                                                                      | Field Filtered 0.45 µm Filter            |                               | Ice       | H2SO4*           | <2           |                 |                     |                       |              |
|                                    |                                                                            | Acid Preservative Expiration Date        |                               |           |                  |              |                 |                     |                       |              |
|                                    |                                                                            | Acid Preservative Lot Number             |                               |           |                  |              |                 |                     |                       |              |



|                                                                                                                                               |                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| RQ-2024-07-01-23                                                                                                                              | <b>Collected By:</b> Andrew Luring, Natalie Howard             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Andrew Luring, Natalie Howard |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                   |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G2SE0082 | <b>Comments:</b>                                               |

**Location:** ROEBUCK NEAR TROPICAL AVE

Matrix: Fresh

(Check One)

☒ Grab

☐ Composite

| Date and Time {EST}                | DO (mg/L)                                                                  | DO (%SAT)     | Temp. °C                                 | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT)        |              |   |  |   |
|------------------------------------|----------------------------------------------------------------------------|---------------|------------------------------------------|------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|---|--|---|
| 7/10/2024<br>1320                  | 2.42                                                                       | 30.4          | 26.7                                     | 7.32 | 0.06             | 0.13         | 0.13            | 666                 | 0.32                  |              |   |  |   |
| Parameter Suite                    | Parameter Methods                                                          |               |                                          |      | Preservation     |              | pH Check        |                     | # Bottles sent to Lab | Bottle Group |   |  |   |
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                |               |                                          |      | Ice              |              | H2SO4*          |                     | <2                    |              |   |  |   |
|                                    | Lot #                                                                      |               | Exp:                                     |      |                  |              |                 |                     |                       |              |   |  |   |
| Metals (P-500ML)                   | W-ICPMS                                                                    |               | W-ICP                                    |      | W-HARD           |              | Ice             |                     | HNO3*                 |              |   |  |   |
|                                    | Lot #                                                                      |               | Exp:                                     |      |                  |              |                 |                     | <2                    |              |   |  |   |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                    |               | Field Filtered 0.45 µm Filter            |      |                  | Ice          |                 |                     |                       |              |   |  |   |
|                                    | Filter Lot #                                                               | Syringe Lot # |                                          |      |                  |              |                 |                     |                       |              |   |  |   |
| BOD (BP-1L)                        | OV-BODUNIN                                                                 |               |                                          |      | Ice              |              |                 |                     |                       |              |   |  |   |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                 |               |                                          |      | Ice              |              |                 |                     |                       |              |   |  |   |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |               |                                          |      | Ice              |              |                 |                     |                       |              |   |  |   |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY                                       |               |                                          |      | Ice              |              |                 |                     |                       |              |   |  |   |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                 |               | Formalin Lot #                           |      | Formalin         |              |                 |                     |                       |              |   |  |   |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                   |               |                                          |      | Ice              |              |                 |                     |                       |              |   |  |   |
| Microbiology (Contract Lab Bottle) | X                                                                          | E Coli        | F Coli                                   | X    | Enterococci      | Ice          |                 |                     |                       |              | 1 |  | E |
|                                    | Contract Lab                                                               |               |                                          |      |                  |              |                 |                     |                       |              |   |  |   |
| Molecular (QPCR-P-500ML)           | PCR-HF183                                                                  |               | PCR-BacR                                 |      | PCR-DG3          |              | Ice             |                     |                       |              |   |  |   |
|                                    | PCR-GULL2                                                                  |               | PCR-GFD                                  |      |                  |              |                 |                     |                       |              |   |  |   |
| Tracers (BG-500ML)                 | W-E8321-DI                                                                 |               | W-E8321-MS                               |      |                  | Ice          |                 |                     |                       |              |   |  |   |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI                                                                 |               | W-E8321-MS                               |      | W-PSNP-TQ        |              | Ice             | MCAA Exp.           | MCAA Lot#             |              |   |  |   |
|                                    | W-PCL-TQ-R                                                                 |               | W-CARB-AA (5 ml of MCAA Buffer Solution) |      | W-CT-CL-R        |              |                 |                     |                       |              |   |  |   |
|                                    | W-TR-SQ-R                                                                  |               | W-PCB-TQ-R                               |      |                  |              |                 |                     |                       |              |   |  |   |
| Phytoplankton (BP-1L)              | DTY-QN-C                                                                   |               | PKD-QN-BV                                |      |                  | Ice          |                 |                     |                       |              |   |  |   |
| DOC (P-500ML)                      | W-DOC                                                                      |               | Field Filtered 0.45 µm Filter            |      |                  | Ice          |                 | H2SO4*              |                       | <2           |   |  |   |
|                                    |                                                                            |               | Acid Preservative Expiration Date        |      |                  |              |                 |                     |                       |              |   |  |   |
|                                    |                                                                            |               | Acid Preservative Lot Number             |      |                  |              |                 |                     |                       |              |   |  |   |