

# Login Checklist

RQ- 2022-04-04-43

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 04/ 8 /22 @ 9:25

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 1.0                 |                 |                                        |          | 12                                    |               | X  |          |    | 5225 5545 3437     |
| 1.2                 |                 |                                        |          | 9                                     |               | X  |          |    | 5225 5545 3426     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO3 and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# \_\_\_\_\_
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# \_\_\_\_\_
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# \_\_\_\_\_
- If coolers or samples are received late; identify the affected samples in an NCR. NCR# \_\_\_\_\_

Chain of Custody/ Field Sheet(s) Included?

Yes ✓ No \_\_\_\_\_

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes ✓ No \_\_\_\_\_

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X

Evidence Tape intact? Yes \_\_\_\_\_ No \_\_\_\_\_

If Criminal, photographs taken?

Yes \_\_\_\_\_ No \_\_\_\_\_

Containers intact? Yes ✓ No \_\_\_\_\_

Caps on tight?

Yes ✓ No \_\_\_\_\_

Sufficient Sample Volume:

Yes ✓ No \_\_\_\_\_

If NO is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# \_\_\_\_\_

**CHLORINE CHECK REQUIRED?** (Blue dot on container)

Yes ✓ No \_\_\_\_\_ Init: 32

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No X Init: \_\_\_\_\_

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_

**PRESERVATION CHECK** (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

\*\*Acid Preserved Samples: pH < 2.0?

Yes ✓ No \_\_\_\_\_ NA \_\_\_\_\_ Init: 32

\*\*W-1-4-DIOX (Green dot on container) preserved to pH < 4.0?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X Init: 32

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_

Coolers Unpacked/Checked by: R

Date: 04/ 8 /22 Event contains NCRs (Y/N)? N

Event ID: 2022 SMP: Hendry Cricks  
SO-DIST-2022-04-08-01 (SMP)

Date Received: 07-APR-2022 09:25

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                            |
|--------------------------|----------------------------|
| Infrared Thermometer ID: | #4 Temp Gun EXP:10/19/2022 |
| pH Test Strips 0 – 6     | 223819AV EXP:08/30/2023    |
| pH Paper 0 – 3           | N/A                        |
| pH Paper 0 – 13          | 207621 EXP:03/15/2024      |
| Chlorine Test Strips     | 0070 EXP:02/2023           |

### ENCORE SAMPLES

**S-VOC-MS samples in Encores must be frozen within 48 hours of collection.**

Were Encore samples received? Yes \_\_\_\_\_ Init: \_\_\_\_\_

Date and time placed in freezer \_\_\_\_\_

Were all samples placed in freezer within 48 hours of collection? Yes \_\_\_\_\_ No \_\_\_\_\_

If no, were samples shipped on dry ice? Yes \_\_\_\_\_ No \_\_\_\_\_

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_

**FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check(W-HG-AF;W-HG-AF-F):**

Samples preserved within 48 hours? Yes \_\_\_\_\_ No \_\_\_\_\_

Date and time samples preserved: \_\_\_\_\_

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 4/7/2022 **Collected By:** Nicole Reistad, Monica Jaeger  
**Customer:** SO-DIST **Sampling Agency:** FDEP  
**RQ:** RQ-2022-04-04-43 **Project ID:** SMP

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

**Number of Coolers Shipped:** 2

**Delivery Method:** FedEx

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

| Site Location                | Field ID/WIN ID                                                                                    |
|------------------------------|----------------------------------------------------------------------------------------------------|
| BEE BRANCH @ LOBLOLLY BAY RD | <br>G3SD0085     |
| FB                           | <br>FB_04072022 |
| Bee Branch At CR78           | <br>G3SD0226   |
| Jacks Branch At CR78         | <br>G3SD0227   |
| Jacks Branch                 | <br>G3SD0176   |
| Fort Simmons Branch          | <br>G3SD0177   |
| FortSimmonsBranchAtSR80      | <br>G3SD0230   |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 4/7/2022 1400  
EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: *JK*

Rec'd/Inspected  
Date: *4-8-2022*



|                                                                                                                                 |                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| RQ-2022-04-04-43                                                                                                                | Collected By: Nicole Reistad, Monica Jaeger                        |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Nicole Reistad, Monica Jaeger            |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                              |
| WIN ID/Field ID: <br>WIN ID/Field ID: G3SD0085 | Comments: Microbiology sample(s) submitted to contract laboratory. |

Location:

Location: BEE BRANCH @ LOBLOLLY BAY RD

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|----------------|
| 4/7/2022<br>840     | 1.91      | 22.7      | 23.9     | 6.02 | 0.2              | 0.4          | 0.4             | 296.9              | 0.14           |

  

| 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 #                                                                       | SA1105060                     | Exp:                                     | 04/30/22     |             |          |           |                       |              |       |   |    |   |   |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                     |                               | X                                        | W-ICP        | X           | W-HARD   | X         | Ice                   | X            | HNO3* | X | <2 | 1 | B |
|                                    |                   | Lot #                                                                       | NA1105100                     | Exp:                                     | 06/07/22     |             |          |           |                       |              |       |   |    |   |   |
| 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-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |                               |                                          |              | X           | Ice      |           |                       | 1            | B     |   |    |   |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                              |                               |                                          |              |             | Ice      |           |                       |              |       |   |    |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                  | Formalin Lot #                |                                          |              |             | Formalin |           |                       |              |       |   |    |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                    |                               |                                          |              |             | Ice      |           |                       |              |       |   |    |   |   |
| Microbiology (Contract Lab Bottle) | X                 | E Coli                                                                      |                               | F Coli                                   |              | Enterococci | X        | Ice       |                       | 1            | B     |   |    |   |   |
|                                    | X                 | Contract Lab                                                                |                               |                                          |              |             |          |           |                       |              |       |   |    |   |   |
| Molecular (QPCR-P-500ML)           | X                 | PCR-HF183                                                                   | X                             | PCR-BacR                                 | X            | PCR-DG3     | X        | Ice       |                       | 1            | B     |   |    |   |   |
|                                    |                   | 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                      |                   | DTY-QN-C                                                                    |                               | PKD-QN-BV                                |              |             |          | Ice       |                       |              |       |   |    |   |   |



RQ-2022-04-04-43

Collected By: Nicole Reistad, Monica Jaeger

Customer: FDEP

Field Report Prepared by: Nicole Reistad, Monica Jaeger

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



Comments: Microbiology sample(s) submitted to contract laboratory.

WIN ID/Field ID: FB\_04072022

Location:

Location: FB

Matrix: DI Water

(Check One)

☒ Grab☐ Composite

| Date and Time {EST}                | DO (mg/L)         | DO (%SAT)                                                                   | Temp. ©   | pH                                       | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT)        |              |    |    |   |   |
|------------------------------------|-------------------|-----------------------------------------------------------------------------|-----------|------------------------------------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|----|----|---|---|
| 4/7/2022<br>900                    |                   |                                                                             |           |                                          |                  |              |                 |                     |                       |              |    |    |   |   |
| 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 #                                                                       | SA1105060 |                                          | Exp:             | 04/30/22     |                 |                     |                       |              |    |    |   |   |
| Metals (P-500ML)                   | x                 | W-ICPMS                                                                     | X         | W-ICP                                    | X                | W-HARD       | X               | Ice                 | X                     | HNO3*        | X  | <2 | 1 | E |
|                                    |                   | Lot #                                                                       | NA1105100 |                                          | Exp:             | 44719        |                 |                     |                       |              |    |    |   |   |
| 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)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |           |                                          |                  | X            | Ice             |                     |                       | 1            | E  |    |   |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                              |           |                                          |                  |              | Ice             |                     |                       |              |    |    |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                  |           | Formalin Lot #                           |                  |              | Formalin        |                     |                       |              |    |    |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                    |           |                                          |                  |              | Ice             |                     |                       |              |    |    |   |   |
| Microbiology (Contract Lab Bottle) |                   | 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-CAR8-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             |                     |                       |              |    |    |   |   |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2022-04-04-43                                                                                                                              | <b>Collected By:</b> Nicole Reistad, Monica Jaeger                        |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Nicole Reistad, Monica Jaeger            |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3SD0226 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:**

Location: Bee Branch At CR78

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. © | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH) |
|---------------------|-----------|-----------|---------|------|------------------|--------------|-----------------|---------------------|-----------------|
| 4/7/2022<br>925     | 7.93      | 96.7      | 25.3    | 7.34 | 0.05             | 0.1          | 0.1             | 905                 | 0.44            |

  

| Parameter Suite                    | Parameter Methods                                                           |                                          |             |   | Preservation |           | pH Check  | # Bottles sent to Lab | Bottle Group |
|------------------------------------|-----------------------------------------------------------------------------|------------------------------------------|-------------|---|--------------|-----------|-----------|-----------------------|--------------|
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                 |                                          |             |   | Ice          | H2SO4*    | <2        |                       |              |
|                                    | Lot #                                                                       |                                          | Exp:        |   |              |           |           |                       |              |
| Metals (P-500ML)                   | x W-ICPMS                                                                   | x W-ICP                                  | x W-HARD    | x | Ice          | HNO3*     | X <2      | 1                     | C            |
|                                    | Lot #                                                                       |                                          | Exp:        |   | 06/07/22     |           |           |                       |              |
| 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-CL-IC / W-COLOR / W-SO4-IC / W-TDS |                                          |             |   | Ice          |           |           |                       |              |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                              |                                          |             |   | Ice          |           |           |                       |              |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                  | Formalin Lot #                           |             |   | Formalin     |           |           |                       |              |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                    |                                          |             |   | Ice          |           |           |                       |              |
| Microbiology (Contract Lab Bottle) | X E Coli                                                                    | F Coli                                   | Enterococci | x | Ice          |           |           | 1                     | C            |
|                                    | Contract Lab                                                                |                                          |             |   |              |           |           |                       |              |
| Molecular (QPCR-P-500ML)           | X PCR-HF183                                                                 | X PCR-BacR                               | X PCR-DG3   | x | Ice          |           |           | 1                     | C            |
|                                    | PCR-GULL2                                                                   |                                          | PCR-GFD     |   |              |           |           |                       |              |
| Tracers (BG-500ML)                 | X W-E8321-DI                                                                | X W-E8321-MS                             |             |   | x            | Ice       |           | 1                     | C            |
| 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          |           |           |                       |              |



|                                                                                                                                               |                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| RQ-2022-04-04-43                                                                                                                              | Collected By: Nicole Reistad, Monica Jaeger                        |
| Customer: FDEP                                                                                                                                | Field Report Prepared by: Nicole Reistad, Monica Jaeger            |
| Project ID: SMP                                                                                                                               | Sampling Agency: FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3SD0227 | Comments: Microbiology sample(s) submitted to contract laboratory. |

**Location:**  
**Location:** Jacks Branch At CR78

Matrix: Fresh

(Check One)

☒ Grab

☐ Composite

| Date and Time {EST}                | DO (mg/L) | DO (%SAT)         | Temp. ©                                                                      | pH                                       | Sample Depth (m)              | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT <sub>h</sub> |                       |              |    |   |     |
|------------------------------------|-----------|-------------------|------------------------------------------------------------------------------|------------------------------------------|-------------------------------|--------------|-----------------|---------------------|----------------------------|-----------------------|--------------|----|---|-----|
| 4/7/2022 1005                      | 2.51      | 30.2              | 24.7                                                                         | 7.12                                     | 0.3                           | 1            | 1               | 1038                | 0.51                       |                       |              |    |   |     |
| 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 #             |                                                                              | SA1105060                                |                               | Exp:         |                 | 04/30/22            |                            |                       |              |    |   |     |
| 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 |
| Physical/Aggregate (Fresh) (P-1L)  |           | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TDS |                                          |                               |              | X               |                     |                            |                       |              |    |   | Ice |
| Physical/Aggregate (Marine) (P-1L) |           |                   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |                                          |                               |              |                 |                     |                            |                       |              |    |   | Ice |
| Macroinvertebrates (PJ-2L)         |           |                   | MI-FW-QLDC                                                                   | Formalin Lot #                           |                               |              | Formalin        |                     |                            |                       |              |    |   |     |
| Periphyton (PT-50ML)               |           |                   | ALGAE-ID                                                                     |                                          |                               |              |                 |                     |                            |                       |              |    |   | Ice |
| Microbiology (Contract Lab Bottle) |           | X                 | E Coli                                                                       |                                          | F Coli                        | Enterococci  | X               |                     |                            |                       |              |    |   | Ice |
|                                    |           | 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                 |                            |                       |              |    |   |     |



|                                                                                                                                 |                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| RQ-2022-04-04-43                                                                                                                | Collected By: Nicole Reistad, Monica Jaeger                        |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Nicole Reistad, Monica Jaeger            |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                              |
| WIN ID/Field ID: <br>WIN ID/Field ID: G3SD0176 | Comments: Microbiology sample(s) submitted to contract laboratory. |

Location:  
Location: Jacks Branch

Matrix: Fresh (Check One) ☒ Grab ☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. @ | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH) |
|---------------------|-----------|-----------|---------|------|------------------|--------------|-----------------|---------------------|-----------------|
| 4/7/2022 1025       | 7.14      | 87.4      | 25.5    | 7.41 | 0.05             | 0.1          | 0.1             | 760                 | 0.37            |

  

| 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-Cl-IC / W-COLOR / W-SO4-IC / W-TDS                                        | Ice                     |          |                       |              |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                                     | Ice                     |          |                       |              |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC Formalin Lot #                                                                                          | Formalin                |          |                       |              |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                                                           | Ice                     |          |                       |              |
| Microbiology (Contract Lab Bottle) | X E Coli F Coli Enterococci X Contract Lab                                                                         | x Ice                   |          | 1                     | D            |
| Molecular (QPCR-P-500ML)           | PCR-HF183 PCR-BacR PCR-DG3 PCR-GULL2 PCR-GFD                                                                       | Ice                     |          |                       |              |
| Tracers (BG-500ML)                 | W-E8321-DI W-E8321-MS                                                                                              | Ice                     |          |                       |              |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI W-E8321-MS W-PSNP-TQ 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 | Ice MCAA Exp. MCAA Lot# |          |                       |              |
| Phytoplankton                      | DTY-QN-C PKD-QN-BV                                                                                                 | Ice                     |          |                       |              |



|                                                                                                                                 |                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| RQ-2022-04-04-43                                                                                                                | Collected By: Nicole Reistad, Monica Jaeger                        |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Nicole Reistad, Monica Jaeger            |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                              |
| WIN ID/Field ID: <br>WIN ID/Field ID: G3SD0177 | Comments: Microbiology sample(s) submitted to contract laboratory. |

**Location:**  
**Location:** Fort Simmons Branch

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. © | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT) |
|---------------------|-----------|-----------|---------|------|------------------|--------------|-----------------|---------------------|----------------|
| 4/7/2022 1050       | 8.15      | 98.8      | 25      | 7.52 | 0.05             | 0.1          | 0.1             | 790                 | 0.39           |

| 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 #                                                                       | SA1105060                                |                               | Exp:         | 04/30/22 |          |           |                       |              |                |   |  |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                     |                                          | W-ICP                         | W-HARD       |          | Ice      |           | HNO3*                 |              | <2             |   |  |
|                                    |                   | Lot #                                                                       |                                          |                               | Exp:         |          |          |           |                       |              |                |   |  |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                     |                                          | Field Filtered 0.45 um Filter |              |          | Ice      |           |                       |              |                |   |  |
|                                    |                   | Filter Lot #                                                                |                                          | Syringe Lot #                 |              |          |          |           |                       |              |                |   |  |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                  |                                          |                               |              |          | Ice      |           |                       |              |                |   |  |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                  |                                          |                               |              | X        | Ice      |           |                       | 1            | A <sup>0</sup> |   |  |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |                                          |                               |              | X        | Ice      |           |                       | 1            | A              |   |  |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                              |                                          |                               |              |          | Ice      |           |                       |              |                |   |  |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                  | Formalin Lot #                           |                               |              | Formalin |          |           |                       |              |                |   |  |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                    |                                          |                               |              |          | Ice      |           |                       |              |                |   |  |
| Microbiology (Contract Lab Bottle) | X                 | E Coli                                                                      |                                          | F Coli                        | Enterococci  | X        | Ice      |           |                       | 1            | A              |   |  |
|                                    | X                 | Contract Lab                                                                |                                          |                               |              |          |          |           |                       |              |                |   |  |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                   |                                          | PCR-BacR                      | PCR-DG3      |          | Ice      |           |                       |              |                |   |  |
|                                    |                   | PCR-GULL2                                                                   |                                          | PCR-GFD                       |              |          |          |           |                       |              |                |   |  |
| Tracers (BG-500ML)                 |                   | W-E8321-DI                                                                  |                                          | W-E8321-MS                    |              |          | Ice      |           |                       |              |                |   |  |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-E8321-DI                                                                  | W-E8321-MS                               |                               | W-PSNP-TQ    |          | Ice      | MCAA Exp. | MCAA Lot#             |              |                |   |  |
|                                    |                   | W-PCL-TQ-R                                                                  | W-CARB-AA (5 ml of MCAA Buffer Solution) |                               | W-CT-CL-R    |          |          |           |                       |              |                |   |  |
|                                    |                   | W-TR-SQ-R                                                                   | W-PCB-TQ-R                               |                               |              |          |          |           |                       |              |                |   |  |
| Phytoplankton                      |                   | DTY-QN-C                                                                    |                                          | PKD-QN-BV                     |              |          | Ice      |           |                       |              |                |   |  |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2022-04-04-43                                                                                                                              | <b>Collected By:</b> Nicole Reistad, Monica Jaeger                        |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Nicole Reistad, Monica Jaeger            |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3SD0230 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:****Location:** FortSimmonsBranchAtSR80**Matrix:** Fresh(Check One) ☒ Grab ☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. © | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH) |
|---------------------|-----------|-----------|---------|------|------------------|--------------|-----------------|---------------------|-----------------|
| 4/7/2022<br>1120    | 4.82      | 57.8      | 24.4    | 7.21 | 0.15             | 0.3          | 0.3             | 565                 | 0.27            |

  

| 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*                |              |
|                                    |                   | Lot #                                                                       | SA1105060                                | Exp:          | 04/30/22 |          | X         | <2                    | 1            |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                     | W-ICP                                    | W-HARD        |          | Ice      |           | HNO3*                 |              |
|                                    |                   | Lot #                                                                       |                                          | Exp:          |          |          |           | <2                    |              |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                     | Field Filtered 0.45 um Filter            |               |          |          | Ice       |                       |              |
|                                    |                   | Filter Lot #                                                                |                                          | Syringe Lot # |          |          |           |                       |              |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                  |                                          |               |          | Ice      |           |                       |              |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                  |                                          |               | X        | Ice      |           |                       | 1            |
| 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            |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                              |                                          |               |          | Ice      |           |                       |              |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                  | Formalin Lot #                           |               |          | Formalin |           |                       |              |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                    |                                          |               |          | Ice      |           |                       |              |
| Microbiology (Contract Lab Bottle) | X                 | E Coli                                                                      | F Coli                                   | Enterococci   | X        | Ice      |           |                       | 1            |
|                                    | 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      |           |                       |              |



CHAIN OF CUSTODY RECORD

Project #  
(Lab Use Only)

Client Florida Dept. of Environmental Protection

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

Project Name:

SMP

Address 2600 Blainstone Rd. Tallahassee, FL 32399

Bill to: Carina Tull

Project Location:

Hendry Creek

Phone 239-344-5719

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

P.O. # LAB #B9633B

Customer Type:

RDEP - South ROC

Fax

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

Requested Due Date:

Sampled By (PRINT)

Sampler Signature

Sample

Preservatives

E. coli Quant  
Enterococci  
Fecal Coliform

Analysis Requested

Sample ID #  
(Lab Use Only)

| Sample ID # | Sample Description | Date     | Time  | Type  | Preservatives | E. coli | Enterococci | Fecal Coliform | Analysis Requested | Sample ID # (Lab Use Only) |
|-------------|--------------------|----------|-------|-------|---------------|---------|-------------|----------------|--------------------|----------------------------|
| F G3SD0085  |                    | 04/12/22 | 8:40  | Envab |               | X       |             |                |                    |                            |
| F G3SD0226  |                    | 4/12/22  | 9:25  | Envab |               | X       |             |                |                    |                            |
| F G3SD0227  |                    | 4/12/22  | 10:05 | Envab |               | X       |             |                |                    |                            |
| F G3SD0176  |                    | 4/12/22  | 10:25 | Envab |               | X       |             |                |                    |                            |
| F G3SD0177  |                    | 4/12/22  | 10:50 | Envab |               | X       |             |                |                    |                            |
| F G3SD0230  |                    | 4/12/22  | 11:20 | Envab |               | X       |             |                |                    |                            |

| Reinquisitioned By/Affiliation | Date | Time | Accepted By/Affiliation | Date | Time |
|--------------------------------|------|------|-------------------------|------|------|
|--------------------------------|------|------|-------------------------|------|------|

Okay to Run  
As Is

Signature

4/12/22 12:09

Signature

Signature

Samples are ambient water

Client Initial:

2022-04-04-43  
RQ-2021-

Samples On Ice

Yes No

Date of Request: 14-MAR-2022  
 Created By: MULLEN\_W On: 14-MAR-2022  
 Modified By: AYRES\_J On: 21-MAR-2022  
 Customer: SO-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: South District  
 Event Description: 2022 SMP: Hendry Cricks

**Send Coolers To:**

Phone: 239-344-5716  
 FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901-3381  
 Attn: William Mullen  
 Cooler Ship EMail: William.Mullen@FloridaDEP.gov

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 21-MAR-2022  
 Biology Request Reviewed By: AYRES\_J On: 21-MAR-2022  
 Sampling Kit Required: YES Ship on: 25-MAR-2022  
 Sampling Kit Shipped: YES On: 22-MAR-2022  
 Sampling Kit Packed By: KLUG\_K  
 Preservatives Needed: NO  
 Date to Receive Samples: 04-APR-2022  
 Logged In By:

**Send Final Report To:**

FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901-3381  
 Attn: William Mullen  
 Report Notification EMail:  
 Nicole.Reistad@FloridaDEP.gov; Kirby.Wolfe@dep.state.fl.us; William.Mullen@FloridaDEP.gov; Monica.Jaeger@FloridaDEP.gov; Thomas.J.Baker@FloridaDEP.gov

Comments: Group A: (Jacks Branch, Fort Simmons, G3SD0177) Freshwater Nutrients, E.coli  
 Group B: (G3SD0085) Freshwater Nutrients, Freshwater Metals, E. coli, PCR, Tracers  
 Group C: (Bee Branch) Freshwater Metals, E.coli, PCR, Tracers  
 Group D: (Jacks Branch, G3SD0176) E.coli  
 Group E: Freshwater Metals BLANK and Freshwater Nutrients BLANK

**Bottle Group A (Water) With 3 Samples:**

|                                   |                      |                                                                                                              |
|-----------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 3 | Preserved With: ICE                                                                                          |
| ALKALINITY                        | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                   |
| TURBIDITY                         | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| W-CL-IC                           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                            |
| W-COLOR                           | Template: DEFAULT    | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                           |
| *Color (true)                     |                      |                                                                                                              |
| W-F                               | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)      |
| W-SO <sub>4</sub> -IC             | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |
| W-TDS                             | Template: DEFAULT    | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                                  |
| W-TSS                             | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |
| Bottle Type: BP-1L                | Number of Bottles: 3 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                        | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-250ML-WI-THI       | Number of Bottles: 3 | Preserved With: ICE                                                                                          |
| SD-SND-ECQ                        | Template: DEFAULT    | (Colilert-18) E. coli by Colilert-18/QT by Sanders in Fort Myers                                             |
| Bottle Type: P-500ML              | Number of Bottles: 3 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>                                                       |
| W-NH <sub>3</sub>                 | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |
| W-NO <sub>2</sub> NO <sub>3</sub> | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                           |
| W-S-A-TP                          | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                          |
| W-TKN                             | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                             |
| W-TOC                             | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                                             |

**Bottle Group B (Water) With 1 Samples:**

|                      |                      |                                                                                                   |
|----------------------|----------------------|---------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO <sub>3</sub>                                                                  |
| W-HARD               | Template: DEFAULT    | (SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO <sub>3</sub> |

**Bottle Group B (Water) With 1 Samples:**

|                           |                     |                                                                                                                                                |                               |
|---------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Bottle Type: P-500ML      |                     | Number of Bottles: 1                                                                                                                           | Preserved With: HNO3          |
| W-HARD                    | Template: DEFAULT   | (SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                                                          |                               |
| Hardness                  |                     |                                                                                                                                                |                               |
| W-ICP                     | Template: SMP-FRESH | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |                               |
| Calcium                   |                     |                                                                                                                                                |                               |
| Iron                      |                     |                                                                                                                                                |                               |
| Magnesium                 |                     |                                                                                                                                                |                               |
| Potassium                 |                     |                                                                                                                                                |                               |
| Sodium                    |                     |                                                                                                                                                |                               |
| Strontium                 |                     |                                                                                                                                                |                               |
| Tin                       |                     |                                                                                                                                                |                               |
| Titanium                  |                     |                                                                                                                                                |                               |
| Vanadium                  |                     |                                                                                                                                                |                               |
| Zinc                      |                     |                                                                                                                                                |                               |
| W-ICPMS                   | Template: DEFAULT   | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |                               |
| *Boron                    |                     |                                                                                                                                                |                               |
| Aluminum                  |                     |                                                                                                                                                |                               |
| Antimony                  |                     |                                                                                                                                                |                               |
| Arsenic                   |                     |                                                                                                                                                |                               |
| Barium                    |                     |                                                                                                                                                |                               |
| Beryllium                 |                     |                                                                                                                                                |                               |
| Cadmium                   |                     |                                                                                                                                                |                               |
| Chromium                  |                     |                                                                                                                                                |                               |
| Cobalt                    |                     |                                                                                                                                                |                               |
| Copper                    |                     |                                                                                                                                                |                               |
| Lead                      |                     |                                                                                                                                                |                               |
| Manganese                 |                     |                                                                                                                                                |                               |
| Molybdenum                |                     |                                                                                                                                                |                               |
| Nickel                    |                     |                                                                                                                                                |                               |
| Selenium                  |                     |                                                                                                                                                |                               |
| Silver                    |                     |                                                                                                                                                |                               |
| Thallium                  |                     |                                                                                                                                                |                               |
| Bottle Type: P-500ML      |                     | Number of Bottles: 1                                                                                                                           | Preserved With: ICE And H2SO4 |
| W-NH3                     | Template: DEFAULT   | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                                                     |                               |
| W-NO2NO3                  | Template: DEFAULT   | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                                                             |                               |
| W-S-A-TP                  | Template: DEFAULT   | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                                                            |                               |
| W-TKN                     | Template: DEFAULT   | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                                                               |                               |
| W-TOC                     | Template: DEFAULT   | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                                                                               |                               |
| Bottle Type: P-1L         |                     | Number of Bottles: 1                                                                                                                           | Preserved With: ICE           |
| ALKALINITY                | Template: DEFAULT   | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                                                                  |                               |
| TURBIDITY                 | Template: DEFAULT   | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |                               |
| W-CL-IC                   | Template: DEFAULT   | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                              |                               |
| W-COLOR                   | Template: DEFAULT   | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                                                             |                               |
| *Color (true)             |                     |                                                                                                                                                |                               |
| W-F                       | Template: DEFAULT   | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                        |                               |
| W-SO4-IC                  | Template: DEFAULT   | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                               |                               |
| W-TDS                     | Template: DEFAULT   | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                                                                    |                               |
| W-TSS                     | Template: DEFAULT   | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                |                               |
| Bottle Type: BP-1L        |                     | Number of Bottles: 1                                                                                                                           | Preserved With: ICE           |
| CHLSUITE-W                | Template: DEFAULT   | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                   |                               |
| Bottle Type: QPCR-P-500ML |                     | Number of Bottles: 1                                                                                                                           | Preserved With: ICE           |
| PCR-BACR                  | Template: DEFAULT   | (SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction  |                               |
| PCR-DG3                   | Template: DEFAULT   | (SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction       |                               |
| PCR-HF183                 | Template: DEFAULT   | (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction      |                               |

**Bottle Group B (Water) With 1 Samples:**

|                             |                      |                                                                                         |
|-----------------------------|----------------------|-----------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                                     |
| SD-SND-ECQ                  | Template: DEFAULT    | (Colilert-18) E. coli by Colilert-18/QT by Sanders in Fort Myers                        |
| Bottle Type: BG-500ML       | Number of Bottles: 1 | Preserved With: ICE                                                                     |
| W-E8321-DI                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |
| W-E8321-MS                  | Template: SMP        | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |

**Bottle Group C (Water) With 1 Samples:**

|                             |                      |                                                                                                                                                |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: QPCR-P-500ML   | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| PCR-BACR                    | Template: DEFAULT    | (SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction  |
| PCR-DG3                     | Template: DEFAULT    | (SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction       |
| PCR-HF183                   | Template: DEFAULT    | (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction      |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| SD-SND-ECQ                  | Template: DEFAULT    | (Colilert-18) E. coli by Colilert-18/QT by Sanders in Fort Myers                                                                               |
| Bottle Type: BG-500ML       | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| W-E8321-DI                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| W-E8321-MS                  | Template: SMP        | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-HARD                      | Template: DEFAULT    | (SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                                                          |
| Hardness                    |                      |                                                                                                                                                |
| W-ICP                       | Template: SMP-FRESH  | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Calcium                     |                      |                                                                                                                                                |
| Iron                        |                      |                                                                                                                                                |
| Magnesium                   |                      |                                                                                                                                                |
| Potassium                   |                      |                                                                                                                                                |
| Sodium                      |                      |                                                                                                                                                |
| Strontium                   |                      |                                                                                                                                                |
| Tin                         |                      |                                                                                                                                                |
| Titanium                    |                      |                                                                                                                                                |
| Vanadium                    |                      |                                                                                                                                                |
| Zinc                        |                      |                                                                                                                                                |
| W-ICPMS                     | Template: DEFAULT    | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Boron                      |                      |                                                                                                                                                |
| Aluminum                    |                      |                                                                                                                                                |
| Antimony                    |                      |                                                                                                                                                |
| Arsenic                     |                      |                                                                                                                                                |
| Barium                      |                      |                                                                                                                                                |
| Beryllium                   |                      |                                                                                                                                                |
| Cadmium                     |                      |                                                                                                                                                |
| Chromium                    |                      |                                                                                                                                                |
| Cobalt                      |                      |                                                                                                                                                |
| Copper                      |                      |                                                                                                                                                |
| Lead                        |                      |                                                                                                                                                |
| Manganese                   |                      |                                                                                                                                                |
| Molybdenum                  |                      |                                                                                                                                                |
| Nickel                      |                      |                                                                                                                                                |
| Selenium                    |                      |                                                                                                                                                |
| Silver                      |                      |                                                                                                                                                |
| Thallium                    |                      |                                                                                                                                                |

**Bottle Group D (Water) With 2 Samples:**

|                             |                      |                                                                  |
|-----------------------------|----------------------|------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 2 | Preserved With: ICE                                              |
| SD-SND-ECQ                  | Template: DEFAULT    | (Colilert-18) E. coli by Colilert-18/QT by Sanders in Fort Myers |

**Bottle Group E (Water) With 1 Samples:**

|                   |                      |                                                               |
|-------------------|----------------------|---------------------------------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 1 | Preserved With: ICE                                           |
| ALKALINITY        | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L |
| TURBIDITY         | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices            |
| W-CL-IC           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices             |

**Bottle Group E (Water) With 1 Samples:**

|                      |                     |                                                                                                                                                |                               |
|----------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Bottle Type: P-1L    |                     | Number of Bottles: 1                                                                                                                           | Preserved With: ICE           |
| W-COLOR              | Template: DEFAULT   | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                                                             |                               |
| *Color (true)        |                     |                                                                                                                                                |                               |
| W-F                  | Template: DEFAULT   | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                        |                               |
| W-SO4-IC             | Template: DEFAULT   | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                               |                               |
| W-TDS                | Template: DEFAULT   | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                                                                    |                               |
| W-TSS                | Template: DEFAULT   | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                |                               |
| Bottle Type: P-500ML |                     | Number of Bottles: 1                                                                                                                           | Preserved With: HNO3          |
| W-ICP                | Template: SMP-FRESH | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |                               |
| Calcium              |                     |                                                                                                                                                |                               |
| Iron                 |                     |                                                                                                                                                |                               |
| Magnesium            |                     |                                                                                                                                                |                               |
| Potassium            |                     |                                                                                                                                                |                               |
| Sodium               |                     |                                                                                                                                                |                               |
| Strontium            |                     |                                                                                                                                                |                               |
| Tin                  |                     |                                                                                                                                                |                               |
| Titanium             |                     |                                                                                                                                                |                               |
| Vanadium             |                     |                                                                                                                                                |                               |
| Zinc                 |                     |                                                                                                                                                |                               |
| W-ICPMS              | Template: DEFAULT   | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |                               |
| *Boron               |                     |                                                                                                                                                |                               |
| Aluminum             |                     |                                                                                                                                                |                               |
| Antimony             |                     |                                                                                                                                                |                               |
| Arsenic              |                     |                                                                                                                                                |                               |
| Barium               |                     |                                                                                                                                                |                               |
| Beryllium            |                     |                                                                                                                                                |                               |
| Cadmium              |                     |                                                                                                                                                |                               |
| Chromium             |                     |                                                                                                                                                |                               |
| Cobalt               |                     |                                                                                                                                                |                               |
| Copper               |                     |                                                                                                                                                |                               |
| Lead                 |                     |                                                                                                                                                |                               |
| Manganese            |                     |                                                                                                                                                |                               |
| Molybdenum           |                     |                                                                                                                                                |                               |
| Nickel               |                     |                                                                                                                                                |                               |
| Selenium             |                     |                                                                                                                                                |                               |
| Silver               |                     |                                                                                                                                                |                               |
| Thallium             |                     |                                                                                                                                                |                               |
| Bottle Type: P-500ML |                     | Number of Bottles: 1                                                                                                                           | Preserved With: ICE And H2SO4 |
| W-NH3                | Template: DEFAULT   | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                                                     |                               |
| W-NO2NO3             | Template: DEFAULT   | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                                                             |                               |
| W-S-A-TP             | Template: DEFAULT   | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                                                            |                               |
| W-TKN                | Template: DEFAULT   | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                                                               |                               |
| W-TOC                | Template: DEFAULT   | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                                                                               |                               |

\* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.