

# Login Checklist

RQ-2023 - 11 - 13- 49

Login Station ID: # 2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 11/14/2023 / 09:10

| *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 |                    |
| 2.7C                |                 |                                        |          | 7                                     |               | X  |          |    | 6484 8460 0549     |
| 1.8C                |                 |                                        |          | 12                                    |               | X  |          |    | 6484 8460 0550     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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 X No \_\_\_\_\_

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

Yes ✓ No X AB

## CONTAINER CHECK

Evidence Tape on Bottles?

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

If Criminal, photographs taken?

Yes \_\_\_\_\_ No \_\_\_\_\_ Containers intact? Yes X No \_\_\_\_\_

Caps on tight?

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

Sufficient Sample Volume:

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

Chlorine detected? (One container checked per Field ID)

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

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 X No \_\_\_\_\_ NA \_\_\_\_\_ Init: ABS

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

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

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

Coolers Unpacked/Checked by: ABS /

Date: 11/14/2023

Event contains NCRs(Y/N)? N

Event ID: SW - DIST- 2023 - 11 - 14- 0

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                        |
|--------------------------|------------------------|
| Infrared Thermometer ID: | IRTG#2 EXP:10/16/24    |
| pH Test Strips 0 – 6     | LOT#223819BVEXP8/15/24 |
| pH Paper 0 – 3           | N/A                    |
| pH Paper 0 – 13          | LOT207621EXP:3/15/24   |
| Chlorine Test Strips     | 2313 2025/07           |

### ENCORE SAMPLES

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

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

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# \_\_\_\_\_

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 11/13/2023      **Collected By:** Ben Paswater, Hannah Henning  
**Customer:** SW-DIST      **Sampling Agency:** FDEP  
**RQ:** RQ-2023-11-13-49      **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                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| BISHOP CRK AT 590 BRIDGE         | <br>G1SW0054   |
| MULLET CREEK TIDAL AT PARK       | <br>G1SW0095   |
| PP DITCH1 AT 71ST ST             | <br>G5SW0134 |
| ST JOE TIDAL AT 54TH AVE         | <br>G5SW0170 |
| ST JOE TIDAL BY WESTCHESTER BLVD | <br>G5SW0169 |
| GULF CREEK AT 9TH AVE NORTH      | <br>G5SW0191 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 11/13/2023  
1700 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: A.SHAIK

Rec'd/Inspected

Date: 11/14/2023



|                  |                                                        |
|------------------|--------------------------------------------------------|
| RQ-2023-11-13-49 | Collected By: Ben Paswater, Hannah Henning             |
| Customer: FDEP   | Field Report Prepared by: Ben Paswater, Hannah Henning |
| Project ID: SMP  | Sampling Agency: FDEP                                  |

WIN ID/Field ID:   
WIN ID/Field ID: G1SW0054

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

Location: BISHOP CRK AT 590 BRIDGE

Matrix: Marine (Check One) ☒ Grab ☐ Composite

| Date and Time {EST}                | DO (mg/L)                                                                    | DO (%SAT)                         | Temp. °C                                 | pH       | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH) |                       |              |
|------------------------------------|------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|----------|------------------|--------------|-----------------|---------------------|-----------------|-----------------------|--------------|
| 11/13/2023 920                     | 4.26                                                                         | 50.9                              | 22.1                                     | 7.07     | 0.15             | 0.3          | 0.3             | 12404               | 7.12            |                       |              |
| Parameter Suite                    |                                                                              | Parameter Methods                 |                                          |          |                  | Preservation |                 | pH Check            |                 | # Bottles sent to Lab | Bottle Group |
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |                                   |                                          |          | Ice              | H2SO4*       | <2              |                     |                 |                       |              |
|                                    | Lot #                                                                        |                                   | Exp:                                     |          |                  |              |                 |                     |                 |                       |              |
| Metals (P-500ML)                   | W-ICPMS                                                                      |                                   | W-ICP                                    | W-HARD   | Ice              | HNO3*        | <2              |                     |                 |                       |              |
|                                    | Lot #                                                                        |                                   | Exp:                                     |          |                  |              |                 |                     |                 |                       |              |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                      |                                   | Field Filtered 0.45 um Filter            |          | Ice              |              |                 |                     |                 |                       |              |
|                                    | Filter Lot #                                                                 | Syringe Lot #                     |                                          |          |                  |              |                 |                     |                 |                       |              |
| BOD (BP-1L)                        | OV-BODUNIN                                                                   |                                   |                                          |          | Ice              |              |                 |                     |                 |                       |              |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                   |                                   |                                          |          | Ice              |              |                 |                     |                 |                       |              |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                                   |                                          |          | Ice              |              |                 |                     |                 |                       |              |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY                                         |                                   |                                          |          | Ice              |              |                 |                     |                 |                       |              |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                   | Formalin Lot #                    |                                          | Formalin |                  |              |                 |                     |                 |                       |              |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                     |                                   |                                          |          | Ice              |              |                 |                     |                 |                       |              |
| Microbiology (Contract Lab Bottle) | E Coli                                                                       |                                   | F Cali                                   | X        | Enterococci      |              |                 |                     |                 | x 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                               |          | Ice              | MCAA Exp.    | MCAA Lot#       |                     |                 |                       |              |
|                                    | W-PCL-TQ-R                                                                   |                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) |          |                  |              |                 |                     |                 | W-CT-CL-R             |              |
|                                    | W-TR-SQ-R                                                                    |                                   | W-PCB-TQ-R                               |          |                  |              |                 |                     |                 |                       |              |
| Phytoplankton (BP-1L)              | DTY-QN-C                                                                     |                                   | PKD-QN-BV                                |          | Ice              |              |                 |                     |                 |                       |              |
| DOC (P-500ML)                      | W-DOC                                                                        | Field Filtered 0.45 um Filter     |                                          | Ice      | H2SO4*           | <2           |                 |                     |                 |                       |              |
|                                    |                                                                              | Acid Preservative Expiration Date |                                          |          |                  |              |                 |                     |                 |                       |              |
|                                    |                                                                              | Acid Preservative Lot Number      |                                          |          |                  |              |                 |                     |                 |                       |              |



|                                                                                                                                 |                                                        |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| RQ-2023-11-13-49                                                                                                                | Collected By: Ben Paswater, Hannah Henning             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Ben Paswater, Hannah Henning |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                  |
| WIN ID/Field ID: <br>WIN ID/Field ID: G1SW0095 | Comments:                                              |

Location: MULLET CREEK TIDAL AT PARK

Matrix: Marine

(Check One)

☒ Grab☐ Composite

| Date and Time {EST}                | DO (mg/L) | DO (%SAT)                                                                    | Temp. °C   | pH                                | Sample Depth (m)                         | Secchi Depth                  | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH)       |              |       |   |    |   |    |   |  |  |  |
|------------------------------------|-----------|------------------------------------------------------------------------------|------------|-----------------------------------|------------------------------------------|-------------------------------|-----------------|---------------------|-----------------------|--------------|-------|---|----|---|----|---|--|--|--|
| 11/13/2023<br>950                  | 1.55      | 18                                                                           | 24.2       | 6.85                              | 0.07                                     | 0.15                          | 0.15            | 29753               | 19.14                 |              |       |   |    |   |    |   |  |  |  |
| Parameter Suite                    |           | Parameter Methods                                                            |            |                                   |                                          | Preservation                  |                 | pH Check            | # Bottles sent to Lab | Bottle Group |       |   |    |   |    |   |  |  |  |
| Preserved Nutrients (P-500ML)      |           | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |            |                                   |                                          | Ice                           |                 | H2SO4*              | <2                    |              |       |   |    |   |    |   |  |  |  |
|                                    |           | Lot #                                                                        |            | Exp:                              |                                          |                               |                 |                     |                       |              |       |   |    |   |    |   |  |  |  |
| Metals (P-500ML)                   |           | x                                                                            | W-ICPMS    | x                                 | W-ICP                                    | x                             | W-HARD          | x                   | Ice                   | x            | HNO3* | X | <2 | 1 | C  |   |  |  |  |
|                                    |           | Lot #                                                                        |            | 3193130                           |                                          | Exp:                          |                 | 07/27/2024          |                       |              |       |   |    |   |    |   |  |  |  |
| Filtered Nutrients (P125ML)        |           | W-PO4-F                                                                      |            |                                   |                                          | Field Filtered 0.45 um Filter |                 | Ice                 |                       |              |       |   |    |   |    |   |  |  |  |
|                                    |           | Filter Lot #                                                                 |            | Syringe Lot #                     |                                          |                               |                 |                     |                       |              |       |   |    |   |    |   |  |  |  |
| BOD (BP-1L)                        |           | OV-BODUNIN                                                                   |            |                                   |                                          | Ice                           |                 |                     |                       |              |       |   |    |   |    |   |  |  |  |
| Chlorophyll (BP-1L)                |           | CHLSUITE-W                                                                   |            |                                   |                                          | Ice                           |                 |                     |                       |              |       |   |    |   |    |   |  |  |  |
| Physical/Aggregate (Fresh) (P-1L)  |           | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |            |                                   |                                          | Ice                           |                 |                     |                       |              |       |   |    |   |    |   |  |  |  |
| Physical/Aggregate (Marine) (P-1L) |           | Alkalinity / W-F / W-TSS / TURBIDITY                                         |            |                                   |                                          | Ice                           |                 |                     |                       |              |       |   |    |   |    |   |  |  |  |
| Macroinvertebrates (PJ-2L)         |           | MI-FW-QLDC                                                                   |            | Formalin Lot #                    |                                          | Formalin                      |                 |                     |                       |              |       |   |    |   |    |   |  |  |  |
| Periphyton (PT-50ML)               |           | ALGAE-ID                                                                     |            |                                   |                                          | Ice                           |                 |                     |                       |              |       |   |    |   |    |   |  |  |  |
| Microbiology (Contract Lab Bottle) |           | E Coli                                                                       |            | F Coli                            |                                          | Enterococci                   |                 | Ice                 |                       |              |       |   |    |   |    |   |  |  |  |
|                                    |           | Contract Lab                                                                 |            |                                   |                                          |                               |                 |                     |                       |              |       |   |    |   |    |   |  |  |  |
| Molecular (QPCR-P-500ML)           |           | X                                                                            | PCR-HF183  | X                                 | PCR-BacR                                 | X                             | PCR-DG3         | x                   | Ice                   |              |       |   |    | 1 | C  |   |  |  |  |
|                                    |           | PCR-GULL2                                                                    |            | PCR-GFD                           |                                          |                               |                 |                     |                       |              |       |   |    |   |    |   |  |  |  |
| Tracers (BG-500ML)                 |           | W-E8321-DI                                                                   |            | W-E8321-MS                        |                                          | Ice                           |                 |                     |                       |              |       |   |    |   |    |   |  |  |  |
| Pesticides (BG-500ML) (BG-1L)      |           | X                                                                            | W-E8321-DI | X                                 | W-E8321-MS                               |                               | W-PSNP-TQ       |                     | MCAA Exp.             | MCAA Lot#    |       |   |    |   | 5  | C |  |  |  |
|                                    |           | X                                                                            | W-PCL-TQ-R |                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) | X                             | W-CT-CL-R       | x                   | Ice                   |              |       |   |    |   |    |   |  |  |  |
|                                    |           |                                                                              | W-TR-SQ-R  | X                                 | W-PCB-TQ-R                               |                               |                 |                     |                       |              |       |   |    |   |    |   |  |  |  |
| Phytoplankton (BP-1L)              |           | DTY-QN-C                                                                     |            | PKD-QN-BV                         |                                          | Ice                           |                 |                     |                       |              |       |   |    |   |    |   |  |  |  |
| DOC (P-500ML)                      |           | W-DOC                                                                        |            | Field Filtered 0.45 um Filter     |                                          | Ice                           |                 | H2SO4*              |                       |              |       |   |    |   | <2 |   |  |  |  |
|                                    |           |                                                                              |            | Acid Preservative Expiration Date |                                          |                               |                 |                     |                       |              |       |   |    |   |    |   |  |  |  |
|                                    |           |                                                                              |            | Acid Preservative Lot Number      |                                          |                               |                 |                     |                       |              |       |   |    |   |    |   |  |  |  |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-11-13-49                                                                                                                              | <b>Collected By:</b> Ben Paswater, Hannah Henning                         |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Ben Paswater, Hannah Henning             |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G5SW0134 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

Location: PP DITCH1 AT 71ST ST

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) |       |
|------------------------------------|------------------------------------------------------------------------------|--------------|------------------------------------------|------------|------------------|--------------|-----------------|-----------------------|----------------|-------|
| 11/13/2023 1040                    | 3.77                                                                         | 50.4         | 24.8                                     | 7.13       | 0.3              | 0.65         | 0.65            | 25897                 | 15.81          |       |
| 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*       |                 |                       |                |       |
|                                    | Lot #                                                                        |              | Exp:                                     |            |                  |              |                 |                       |                |       |
| Metals (P-500ML)                   | X                                                                            | W-ICPMS      | X                                        | W-ICP      | X                | W-HARD       | X               | Ice                   | X              | HNO3* |
|                                    | Lot #                                                                        |              | 3193130                                  |            | Exp:             |              | 07/24/2024      |                       | X              | <2    |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                      |              | Field Filtered 0.45 µm Filter            |            | Ice              |              |                 |                       |                |       |
|                                    | Filter Lot #                                                                 |              | Syringe Lot #                            |            |                  |              |                 |                       |                |       |
| BOD (BP-1L)                        | OV-BODUNIN                                                                   |              |                                          |            | Ice              |              |                 |                       |                |       |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                   |              |                                          |            | Ice              |              |                 |                       |                |       |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |              |                                          |            | Ice              |              |                 |                       |                |       |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY                                         |              |                                          |            | Ice              |              |                 |                       |                |       |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                   |              | Formalin Lot #                           |            | Formalin         |              |                 |                       |                |       |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                     |              |                                          |            | Ice              |              |                 |                       |                |       |
| Microbiology (Contract Lab Bottle) | E Coli                                                                       |              | F Coli                                   |            | X                | Enterococci  | Ice             |                       | 1              | D     |
|                                    | 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        |              | MCAA Exp.       |                       | MCAA Lot#      |       |
|                                    | X                                                                            | W-PCL-TQ-R   | W-CARB-AA (5 ml of MCAA Buffer Solution) |            | X                | W-CT-CL-R    | Ice             |                       |                | 4     |
|                                    |                                                                              | W-TR-SQ-R    | X                                        | W-PCB-TQ-R |                  |              |                 |                       |                |       |
| Phytoplankton (BP-1L)              | DTY-QN-C                                                                     |              | PKD-QN-BV                                |            | Ice              |              |                 |                       |                |       |
| DOC (P-500ML)                      | W-DOC                                                                        |              | Field Filtered 0.45 µm Filter            |            | Ice              |              | H2SO 4*         |                       |                |       |
|                                    |                                                                              |              | Acid Preservative Expiration Date        |            |                  |              |                 |                       | <2             |       |
|                                    |                                                                              |              | Acid Preservative Lot Number             |            |                  |              |                 |                       |                |       |



|                  |                                                        |
|------------------|--------------------------------------------------------|
| RQ-2023-11-13-49 | Collected By: Ben Paswater, Hannah Henning             |
| Customer: FDEP   | Field Report Prepared by: Ben Paswater, Hannah Henning |
| Project ID: SMP  | Sampling Agency: FDEP                                  |

WIN ID/Field ID:



WIN ID/Field ID: G5SW0170

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

Location: ST JOE TIDAL AT 54TH AVE

Matrix: Marine

(Check One)

☒ Grab☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L) | DO<br>(%SAT)                                                                 | Temp. °C                                    | pH                            | Sample<br>Depth (m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos /cm) | Salinity<br>(PPTH) |                          |                 |   |   |
|------------------------------------|--------------|------------------------------------------------------------------------------|---------------------------------------------|-------------------------------|---------------------|-----------------|-----------------------|------------------------|--------------------|--------------------------|-----------------|---|---|
| 11/13/2023<br>1100                 | 3.31         | 45.8                                                                         | 25.7                                        | 7.05                          | 0.3                 | 0.2             | 0.7                   | 33816                  | 21.3               |                          |                 |   |   |
| Parameter Suite                    |              | Parameter Methods                                                            |                                             |                               |                     | Preservation    |                       | pH Check               |                    | # Bottles<br>sent to Lab | Bottle<br>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 #                                                                        |                                             | 3193140                       |                     | Exp:            | 07/31/2024            |                        |                    |                          |                 |   |   |
| Metals (P-500ML)                   |              | W-ICPMS                                                                      |                                             | W-ICP                         |                     | W-HARD          |                       | Ice                    | HNO3*              |                          | <2              |   |   |
|                                    |              | Lot #                                                                        |                                             |                               |                     | Exp:            |                       |                        |                    |                          |                 |   |   |
| Filtered Nutrients (P125ML)        |              | W-PO4-F                                                                      |                                             | Field Filtered 0.45 um Filter |                     |                 |                       | Ice                    |                    |                          |                 |   |   |
|                                    |              | Filter Lot #                                                                 |                                             |                               | Syringe Lot #       |                 |                       |                        |                    |                          |                 |   |   |
| BOD (BP-1L)                        |              | OV-BODUNIN                                                                   |                                             |                               |                     | Ice             |                       |                        |                    |                          |                 |   |   |
| Chlorophyll (BP-1L)                | X            | CHLSUITE-W                                                                   |                                             |                               |                     | X               | Ice                   |                        | 1                  |                          |                 | E |   |
| Physical/Aggregate (Fresh) (P-1L)  | 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-F / W-TSS / TURBIDITY                                         |                                             |                               |                     | Ice             |                       |                        |                    |                          |                 |   |   |
| Macroinvertebrates (PJ-2L)         |              | MI-FW-QLDC                                                                   | Formalin Lot #                              |                               |                     | Formalin        |                       |                        |                    |                          |                 |   |   |
| Periphyton (PT-50ML)               |              | ALGAE-ID                                                                     |                                             |                               |                     | Ice             |                       |                        |                    |                          |                 |   |   |
| Microbiology (Contract Lab Bottle) |              | E Coli                                                                       |                                             | F Coli                        |                     | X               | Enterococci           | X                      | Ice                |                          |                 | 1 | E |
|                                    | X            | Contract Lab                                                                 |                                             |                               |                     |                 |                       |                        |                    |                          |                 |   |   |
| Molecular (QPCR-P-500ML)           |              | PCR-HF183                                                                    |                                             | PCR-BacR                      |                     | PCR-DG3         |                       | Ice                    |                    |                          |                 |   |   |
|                                    |              | PCR-GULL2                                                                    |                                             | PCR-GFD                       |                     |                 |                       |                        |                    |                          |                 |   |   |
| Tracers (BG-500ML)                 |              | W-E8321-DI                                                                   |                                             | W-E8321-MS                    |                     |                 |                       | Ice                    |                    |                          |                 |   |   |
| Pesticides (BG-500ML) (BG-1L)      |              | W-E8321-DI                                                                   | W-E8321-MS                                  |                               | W-PSNP-TQ           |                 | Ice                   | MCAA<br>Exp.           | MCAA<br>Lot#       |                          |                 |   |   |
|                                    |              | W-PCL-TQ-R                                                                   | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |                               | W-CT-CL-R           |                 |                       |                        |                    |                          |                 |   |   |
|                                    |              | W-TR-SQ-R                                                                    |                                             | W-PCB-TQ-R                    |                     |                 |                       |                        |                    |                          |                 |   |   |
| Phytoplankton (BP-1L)              |              | DTY-QN-C                                                                     |                                             | PKD-QN-BV                     |                     |                 |                       | Ice                    |                    |                          |                 |   |   |
| DOC (P-500ML)                      |              | W-DOC                                                                        | Field Filtered 0.45 um Filter               |                               |                     |                 | Ice                   |                        | H2SO<br>4*         |                          | <2              |   |   |
|                                    |              |                                                                              | Acid Preservative Expiration Date           |                               |                     |                 |                       |                        |                    |                          |                 |   |   |
|                                    |              |                                                                              | Acid Preservative Lot Number                |                               |                     |                 |                       |                        |                    |                          |                 |   |   |



|                  |                                                        |
|------------------|--------------------------------------------------------|
| RQ-2023-11-13-49 | Collected By: Ben Paswater, Hannah Henning             |
| Customer: FDEP   | Field Report Prepared by: Ben Paswater, Hannah Henning |
| Project ID: SMP  | Sampling Agency: FDEP                                  |

|                                                                                                    |                                                                    |
|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| WIN ID/Field ID:  | Comments: Microbiology sample(s) submitted to contract laboratory. |
| WIN ID/Field ID: G5SW0169                                                                          |                                                                    |

|                                            |
|--------------------------------------------|
| Location: ST JOE TIDAL BY WESTCHESTER BLVD |
|--------------------------------------------|

|                |                                                                                         |
|----------------|-----------------------------------------------------------------------------------------|
| Matrix: Marine | (Check One) <input checked="" type="checkbox"/> Grab <input type="checkbox"/> 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) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|----------------|
| 11/13/2023 1120     | 2.96      | 42        | 25.8     | 7.08 | 0.3              | 0.3          | 0.9             | 38265               | 24.2           |

| 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* | <2                    | 1            | E |  |
|                                    |                                   | Lot #                                                                       |  |                                          | 3193140 |           | Exp:         |     | 07/31/2024 |           |        |                       |              |   |  |
| Metals (P-500ML)                   |                                   | W-ICPMS                                                                     |  | W-ICP                                    |         | W-HARD    |              |     | Ice        |           | HNO3*  | <2                    |              |   |  |
|                                    |                                   | Lot #                                                                       |  |                                          | Exp:    |           |              |     |            |           |        |                       |              |   |  |
| Filtered Nutrients (P125ML)        |                                   | W-PO4-F                                                                     |  | Field Filtered 0.45 um 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-CH-C / W-COLOR / W-SO4-IC / W- TDS |  |                                          |         |           |              | X   | Ice        |           |        |                       |              |   |  |
| Physical/Aggregate (Marine) (P-1L) |                                   | Alkalinity / W-F / W-TSS / TURBIDITY                                        |  |                                          |         |           |              |     | Ice        |           |        |                       |              |   |  |
| Macroinvertebrates (PJ-2L)         |                                   | MI-FW-QLDC                                                                  |  | Formalin Lot #                           |         |           |              |     | Formalin   |           |        |                       |              |   |  |
| Periphyton (PT-50ML)               |                                   | ALGAE-ID                                                                    |  |                                          |         |           |              |     | Ice        |           |        |                       |              |   |  |
| Microbiology (Contract Lab Bottle) |                                   | E Coli                                                                      |  | F Coli                                   |         | X         | 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 (BP-1L)              |                                   | DTY-QN-C                                                                    |  | PKD-QN-BV                                |         |           |              |     | Ice        |           |        |                       |              |   |  |
| DOC (P-500ML)                      |                                   | W-DOC                                                                       |  | Field Filtered 0.45 um Filter            |         |           |              |     | Ice        |           | H2SO4* | <2                    |              |   |  |
|                                    | Acid Preservative Expiration Date |                                                                             |  |                                          |         |           |              |     |            |           |        |                       |              |   |  |
|                                    | Acid Preservative Lot Number      |                                                                             |  |                                          |         |           |              |     |            |           |        |                       |              |   |  |

WIN ID/Field ID:   
WIN ID/Field ID: G5SW0191

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

**Location:** GULF CREEK AT 9TH AVE NORTH

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 <sub>h</sub> ) |                       |              |    |    |   |   |
|------------------------------------|-----------------------------------|--------------------------------------------------------------------------------|-------------------------------|------------------------------------------|------------------|--------------|-----------------|---------------------|------------------------------|-----------------------|--------------|----|----|---|---|
| 11/13/2023 1150                    | 2.82                              | 34.5                                                                           | 24                            | 7.1                                      | 0.15             | 0.3          | 0.3             | 711                 | 0.35                         |                       |              |    |    |   |   |
| 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 #                                                                          |                               | 3193140                                  |                  | Exp:         |                 | 07/31/2024          |                              |                       |              |    |    |   |   |
| Metals (P-500ML)                   |                                   | W-ICPMS                                                                        |                               | W-ICP                                    |                  | W-HARD       |                 |                     | Ice                          |                       | HNO3*        |    | <2 |   |   |
|                                    |                                   | Lot #                                                                          |                               | Exp:                                     |                  |              |                 |                     |                              |                       |              |    |    |   |   |
| Filtered Nutrients (P125ML)        |                                   | W-PO4-F                                                                        |                               | Field Filtered 0.45 µm Filter            |                  |              |                 |                     | Ice                          |                       | <2           |    |    |   |   |
|                                    |                                   | Filter Lot #                                                                   |                               | Syringe Lot #                            |                  |              |                 |                     |                              |                       |              |    |    |   |   |
| BOD (BP-1L)                        |                                   | OV-BODUNIN                                                                     |                               |                                          |                  |              | Ice             |                     |                              |                       |              |    |    |   |   |
| Chlorophyll (BP-1L)                | X                                 | CHLSUITE-W                                                                     |                               |                                          |                  | x            | Ice             |                     | 1                            |                       |              |    |    | A |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-ClC / W-COLOR / W-SO4-ClC / W- TDS |                               |                                          |                  | x            | Ice             |                     | 1                            |                       |              |    |    | A |   |
| Physical/Aggregate (Marine) (P-1L) |                                   | Alkalinity / W-F / W-TSS / TURBIDITY                                           |                               |                                          |                  |              | Ice             |                     |                              |                       |              |    |    |   |   |
| Macroinvertebrates (PJ-2L)         |                                   | MI-FW-QLDC                                                                     |                               | Formalin Lot #                           |                  |              | Formalin        |                     |                              |                       |              |    |    |   |   |
| Periphyton (PT-50ML)               |                                   | ALGAE-ID                                                                       |                               |                                          |                  |              | Ice             |                     |                              |                       |              |    |    |   |   |
| Microbiology (Contract Lab Bottle) | X                                 | E Coli                                                                         |                               | F Coli                                   |                  |              | x               | 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 (BP-1L)              |                                   | DTY-QN-C                                                                       |                               | PKD-QN-BV                                |                  |              |                 |                     | Ice                          |                       |              |    |    |   |   |
| DOC (P-500ML)                      |                                   | W-DOC                                                                          | Field Filtered 0.45 µm Filter |                                          |                  |              |                 | Ice                 |                              | H2SO4*                |              | <2 |    |   |   |
|                                    | Acid Preservative Expiration Date |                                                                                |                               |                                          |                  |              |                 |                     |                              |                       |              |    |    |   |   |
|                                    | Acid Preservative Lot Number      |                                                                                |                               |                                          |                  |              |                 |                     |                              |                       |              |    |    |   |   |

**Client Information: FDEP**

**Address:** 13051 N. Telecom Parkway

Tampa FL 33604

Phone # 815-470-5878

Report to: benjamin.paswater@dep.state.fl.us  
DEP-Overflomicro@dep.state.fl.us

Invoice to: **FDEP Micro Overflow**

Laboratory Submission #

h2901157

| Sample Name | Sample Type / Sample Matrix? | Collection |      | Container |          | Preservative <sup>4</sup> | Parameters for Analysis | Laboratory Sample # |
|-------------|------------------------------|------------|------|-----------|----------|---------------------------|-------------------------|---------------------|
|             |                              | Date       | Time | Qty       | Capacity |                           |                         |                     |
| G15W0054    | SW                           | 11/13/23   | 920  | 1         | 250mL    | P                         | Enterob                 | 1                   |
| G15W0095    | SW                           |            | 950  | 1         | 250mL    | P                         | Enterob                 | 2                   |
| G5SW0134    | SW                           |            | 1040 | 1         | 250mL    | P                         | Enterob                 | 3                   |
| G5SW0170    | SW                           |            | 1100 | 1         | 250mL    | P                         | Enterob                 | 4                   |
| G5SW0169    | SW                           |            | 1120 | 1         | 250mL    | P                         | Enterob                 | 5                   |
| G5SW0191    | SW                           |            | 1150 | 1         | 250mL    | P                         | E-Coli                  | 6                   |

### Laboratory Sample Acceptability

Temperature: 1.0°C

**Instructions:**

1. Each variable has a label identifying sample ID, premutated parameter's contained in the bottle, sample type, cluster ID, and parameters for analysis.
2. The following information should be added to each bottle label after collection with premutated label, date, time of collection, sample's name or initials, and any field number or ID.
3. All labels not containing parameter may be treated with appropriate sample prior to collection.
4. The label is required for documentation of the evidence of the sample collected from the source.

|   |                                             |                       |                    |                                 |                       |                   |
|---|---------------------------------------------|-----------------------|--------------------|---------------------------------|-----------------------|-------------------|
| 1 | Collected / Returned By: <i>[Signature]</i> | Date: <i>11/13/23</i> | Time: <i>15:23</i> | Received By: <i>[Signature]</i> | Date: <i>11-13-23</i> | Time: <i>1525</i> |
| 2 | Returned By:                                | Date:                 | Time:              | Received By:                    | Date:                 | Time:             |

Date of Request: 24-OCT-2023  
 Created By: MATHIAS\_D On: 24-OCT-2023  
 Modified By: JASROTIA\_P On: 26-OCT-2023  
 Customer: SW-DIST  
 Project: SMP  
 Division:  
 District: Southwest District  
 Event Description: Run 9

**Send Coolers To:**

Phone: 813-632-7600  
 FL Dept. of Environmental Protection  
 13051 N. Telecom Parkway  
 Temple Terrace, FL 33637-0926  
 Attn: Devin Mathias  
 Cooler Ship EMail: Devin.Mathias@FloridaDEP.gov

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 25-OCT-2023  
 Biology Request Reviewed By: JASROTIA\_P On: 26-OCT-2023  
 Sampling Kit Required: YES Ship on: 07-NOV-2023  
 Sampling Kit Shipped: YES On: 06-NOV-2023  
 Sampling Kit Packed By: LEBRUN\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 13-NOV-2023  
 Logged In By: SHAIK\_A On: 14-NOV-2023

**Send Final Report To:**

FL Dept. of Environmental Protection  
 13051 N. Telecom Parkway  
 Temple Terrace, FL 33637-0926  
 Attn: Devin Mathias  
 Report Notification EMail: Devin.Mathias@FloridaDEP.gov

**Comments:****Bottle Group A (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 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-SO4-IC                          | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                        |
| W-TDS                             | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                             |
| W-TSS                             | Template: DEFAULT    | (SM 2540 D-2015) 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 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry   |
| Bottle Type: P-250ML-WI-THI       | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| SW-BEA-ECQ                        | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by BEA in Palmetto                                       |
| Bottle Type: P-500ML              | Number of Bottles: 1 | 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-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                             |
| SW-BEA-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by BEA in Palmetto |

**Bottle Group C (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 C (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 |
| Aluminum   |                   |                                                                                                                             |
| Antimony   |                   |                                                                                                                             |
| Arsenic    |                   |                                                                                                                             |
| Barium     |                   |                                                                                                                             |
| Beryllium  |                   |                                                                                                                             |
| Boron      |                   |                                                                                                                             |
| Cadmium    |                   |                                                                                                                             |
| Chromium   |                   |                                                                                                                             |
| Cobalt     |                   |                                                                                                                             |
| Copper     |                   |                                                                                                                             |
| Lead       |                   |                                                                                                                             |
| Manganese  |                   |                                                                                                                             |
| Molybdenum |                   |                                                                                                                             |
| Nickel     |                   |                                                                                                                             |
| Selenium   |                   |                                                                                                                             |
| Silver     |                   |                                                                                                                             |
| Thallium   |                   |                                                                                                                             |

|                           |                      |                                                                                                                                               |
|---------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                             |
| SW-BEA-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by BEA in Palmetto |

|                               |                      |                                                                                                 |
|-------------------------------|----------------------|-------------------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML FILL TO | Number of Bottles: 4 | Preserved With: ICE                                                                             |
| W-CT-CI-R                     | Template: DEFAULT    | (EPA 8276) Chlordane and Toxaphene in water matrices by GC/MS with Negative Chemical Ionization |
| W-PCB-TQ-R                    | Template: DEFAULT    | (EPA 8270E) PCBs in water matrices by GC/MS/MS                                                  |
| W-PCL-TQ-R                    | Template:            | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS    |

|                       |                      |                                                                                         |
|-----------------------|----------------------|-----------------------------------------------------------------------------------------|
| 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 D (Water) With 1 Samples:**

|                             |                      |                                                                 |
|-----------------------------|----------------------|-----------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                             |
| SW-BEA-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by BEA in Palmetto |

|                               |                      |                                                                                                 |
|-------------------------------|----------------------|-------------------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML FILL TO | Number of Bottles: 2 | Preserved With: ICE                                                                             |
| W-CT-CI-R                     | Template: DEFAULT    | (EPA 8276) Chlordane and Toxaphene in water matrices by GC/MS with Negative Chemical Ionization |
| W-PCB-TQ-R                    | Template: DEFAULT    | (EPA 8270E) PCBs in water matrices by GC/MS/MS                                                  |
| W-PCL-TQ-R                    | Template:            | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/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 |

**Bottle Group D (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                    |
| Aluminum             |                      |                                                                                                                                                |
| Antimony             |                      |                                                                                                                                                |
| Arsenic              |                      |                                                                                                                                                |
| Barium               |                      |                                                                                                                                                |
| Beryllium            |                      |                                                                                                                                                |
| Boron                |                      |                                                                                                                                                |
| Cadmium              |                      |                                                                                                                                                |
| Chromium             |                      |                                                                                                                                                |
| Cobalt               |                      |                                                                                                                                                |
| Copper               |                      |                                                                                                                                                |
| Lead                 |                      |                                                                                                                                                |
| Manganese            |                      |                                                                                                                                                |
| Molybdenum           |                      |                                                                                                                                                |
| Nickel               |                      |                                                                                                                                                |
| Selenium             |                      |                                                                                                                                                |
| Silver               |                      |                                                                                                                                                |
| Thallium             |                      |                                                                                                                                                |

**Bottle Group E (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 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-2015) Total Dissolved Solids in aqueous matrices                                             |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2015) 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 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry   |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 3 | Preserved With: ICE                                                                                     |
| SW-BEA-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by BEA in Palmetto                                         |
| Bottle Type: P-500ML        | Number of Bottles: 3 | 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.

