

RQ- 2022-08-01-16

## Login Checklist

Login Station ID: #4Shipping Method: FedEx | UPS | HD | GreyhoundDate/Time of Receipt: 08/4/22 @ 9:17

| *Cooler Temperature | Samples Frozen?<br>YES | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |          |          |    | Waybill Tracking #    |
|---------------------|------------------------|----------------------------------------|----------|---------------------------------------|---------------|----------|----------|----|-----------------------|
|                     |                        | HNO <sub>3</sub>                       | Formalin |                                       | Present?      |          | *Intact? |    |                       |
|                     |                        |                                        |          |                                       | Yes           | No       | Yes      | No |                       |
| <u>2.3</u>          |                        |                                        |          | <u>10</u>                             |               | <u>X</u> |          |    | <u>5225 5548 9839</u> |
|                     |                        |                                        |          |                                       |               |          |          |    |                       |
|                     |                        |                                        |          |                                       |               |          |          |    |                       |
|                     |                        |                                        |          |                                       |               |          |          |    |                       |
|                     |                        |                                        |          |                                       |               |          |          |    |                       |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO<sub>3</sub> and Formalin preserved samples do NOT have a temperature requirement.

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

Chain of Custody/ Field Sheet(s) Included?

Yes ✓ No \_\_\_\_\_

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

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

## CONTAINER CHECK

Evidence Tape on Bottles?

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

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

If Criminal, photographs taken?

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

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

Caps on tight?

Yes ✓ No \_\_\_\_\_

Sufficient Sample Volume:

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

CHLORINE CHECK REQUIRED? (Blue dot on container)

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

Chlorine detected? (One container checked per Field ID)

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

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

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

\*\*Acid Preserved Samples: pH &lt; 2.0?

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

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

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

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

Coolers Unpacked/Checked by: RDate: 08/4/22Event contains NCRs (Y/N)? N

SMP: Run 19 Nutrients

Event ID: SW-DIST-2022-08-04-01 (SMP)Date Received: 04-AUG-2022 09:17

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

### Additional Comments:

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

### ENCORE SAMPLES

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

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

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

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

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

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

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

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

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 8/3/2022      **Collected By:** Ben Paswater, Devin Mathias  
**Customer:** SW-DIST      **Sampling Agency:** FDEP  
**RQ:** RQ-2022-08-01-16      **Project ID:** SMP

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

**Number of Coolers Shipped:** 1      **Delivery Method:** FedEx

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

| Site Location                                       | Field ID/WIN ID                                                                                  |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Clark Lake @ NW Lobe                                | <br>G3SW0105   |
| Hudson Bayou Tidal by Marie Selby Botanical Gardens | <br>G3SW0108  |
| Island Park Boat Basin off Dock                     | <br>G3SW0061 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 8/3/2022 1700  
EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: 

Rec'd/Inspected

Date: 8-4-2022



RQ-2022-08-01-16

Collected By: Ben Paswater, Devin Mathias

Customer: FDEP

Field Report Prepared by: Ben Paswater, Devin Mathias

Project ID: SMP

Sampling Agency: FDEP

Comments:

WIN ID/Field ID:   
WIN ID/Field ID: G3SW0105

Location:

Location: Clark Lake @ NW Lobe

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) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|----------------|
| 8/3/2022 1110       | 5.53      | 73.8      | 30.4     | 8.99 | 0.3              | 0.3          | 0.8             | 768                 | 0.37           |

  

| 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*    | 1                     | A            |   |
|                                    |                   | Lot #                                                                       | SA1308030                                |                               |               | Exp:        | 12/01/2022 |           |                       |              |   |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                     |                                          | W-ICP                         |               | W-HARD      |            | Ice       | HNO3*                 |              |   |
|                                    |                   | Lot #                                                                       |                                          |                               |               | Exp:        |            |           |                       |              |   |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                     |                                          | Field Filtered 0.45 um Filter |               |             | Ice        |           |                       |              |   |
|                                    |                   | Filter Lot #                                                                |                                          |                               | Syringe Lot # |             |            |           |                       |              |   |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                  |                                          |                               |               |             | Ice        |           |                       |              |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                  |                                          |                               |               | X           | Ice        |           |                       | 1            | A |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |                                          |                               |               | X           | Ice        |           |                       | 1            | A |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-F / W-TSS / TURBIDITY                                        |                                          |                               |               |             | Ice        |           |                       |              |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                  | Formalin Lot #                           |                               |               | Formalin    |            |           |                       |              |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                    |                                          |                               |               |             | Ice        |           |                       |              |   |
| Microbiology (Contract Lab Bottle) |                   | E Coli                                                                      |                                          | F Coli                        |               | Enterococci |            | Ice       |                       |              |   |
|                                    |                   | Contract Lab                                                                |                                          |                               |               |             |            |           |                       |              |   |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                   |                                          | PCR-BacR                      |               | PCR-DG3     |            | Ice       |                       |              |   |
|                                    |                   | PCR-GULL2                                                                   |                                          | PCR-GFD                       |               |             |            |           |                       |              |   |
| Tracers (BG-500ML)                 |                   | W-E8321-DI                                                                  |                                          | W-E8321-MS                    |               |             | Ice        |           |                       |              |   |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-E8321-DI                                                                  | W-E8321-MS                               |                               |               | W-PSNP-TQ   |            | MCAA Exp. | MCAA Lot#             |              |   |
|                                    |                   | W-PCL-TQ-R                                                                  | W-CARB-AA (5 ml of MCAA Buffer Solution) |                               |               | W-CT-CL-R   |            |           |                       |              |   |
|                                    |                   | W-TR-SQ-R                                                                   | W-PCB-TQ-R                               |                               |               |             |            |           |                       |              |   |
| Phytoplankton                      |                   | DTY-QN-C                                                                    |                                          | PKD-QN-BV                     |               |             | Ice        |           |                       |              |   |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2022-08-01-16                                                                                                                              | <b>Collected By:</b> Devin Mathias, Ben Paswater                          |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Devin Mathias, Ben Paswater              |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3SW0108 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:**

Location: Hudson Bayou Tidal by Marie Selby Botanical Gardens

Matrix: Marine

(Check One)

☒ Grab☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|----------------|
| 8/3/2022<br>1140    | 3.52      | 57.1      | 32.1     | 7.68 | 0.3              | 0.5          | 1.3             | 47292               | 30.55          |

  

| Parameter Suite                    | Parameter Methods |                                                                              |                |                                          | Preservation |           | pH Check  |           | # Bottles sent to Lab | Bottle Group |   |   |
|------------------------------------|-------------------|------------------------------------------------------------------------------|----------------|------------------------------------------|--------------|-----------|-----------|-----------|-----------------------|--------------|---|---|
| Preserved Nutrients (P-500ML)      | X                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |                |                                          | X            | Ice       | X         | H2SO4*    | X                     | <2           | 1 | B |
|                                    |                   | Lot #                                                                        |                | SA1308030                                | Exp:         | 12/01/022 |           |           |                       |              |   |   |
| 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            | B |   |
| Physical/Aggregate (Fresh) (P-1L)  |                   | Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W- TDS |                |                                          |              | Ice       |           |           |                       |              |   |   |
| Physical/Aggregate (Marine) (P-1L) | X                 | Alkalinity / W-F / W-TSS / TURBIDITY                                         |                |                                          |              | X         | Ice       |           |                       | 1            | B |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                   | Formalin Lot # |                                          |              | Formalin  |           |           |                       |              |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                     |                |                                          |              | Ice       |           |           |                       |              |   |   |
| Microbiology (Contract Lab Bottle) |                   | E Coli                                                                       | F Coli         | X                                        | Enterococci  | X         | Ice       |           |                       | 1            | B |   |
|                                    | X                 | Contract Lab                                                                 |                |                                          |              |           |           |           |                       |              |   |   |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                    |                | PCR-BacR                                 | PCR-DG3      | Ice       |           |           |                       |              |   |   |
|                                    |                   | PCR-GULL2                                                                    |                | PCR-GFD                                  |              |           |           |           |                       |              |   |   |
| Tracers (BG-500ML)                 |                   | W-E8321-DI                                                                   |                | W-E8321-MS                               |              | Ice       |           |           |                       |              |   |   |
|                                    |                   | W-E8321-DI                                                                   | W-E8321-MS     |                                          | W-PSNP-TQ    |           | MCAA Exp. | MCAA Lot# |                       |              |   |   |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-PCL-TQ-R                                                                   |                | W-CAR8-AA (5 ml of MCAA Buffer Solution) |              | W-CT-CL-R | Ice       |           |                       |              |   |   |
|                                    |                   | W-TR-SQ-R                                                                    |                | W-PCB-TQ-R                               |              |           |           |           |                       |              |   |   |
| Phytoplankton                      |                   | DTY-QN-C                                                                     |                | PKD-QN-BV                                |              | Ice       |           |           |                       |              |   |   |



RQ-2022-08-01-16

Collected By: Ben Paswater, Devin Mathias

Customer: FDEP

Field Report Prepared by: Ben Paswater, Devin Mathias

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3SW0061

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

Location:

Location: Island Park Boat Basin off Dock

Matrix: Marine

(Check One)

☒ Grab☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|----------------|
| 8/3/2022 1210       | 5.74      | 94.4      | 31.9     | 7.95 | 0.3              | 0.8          | 1.4             | 50890               | 33.2           |

  

| 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*    | 1                     | C            |   |   |
|                                    |                   | Lot #                                                                        | SA1308030 | Exp:                                     | 12/01/2022   |             |          |           |                       |              |   |   |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                      | X         | W-ICP                                    |              | W-HARD      | X        | Ice       | X                     | HNO3*        | 1 | C |
|                                    |                   | Lot #                                                                        | NA1286110 | Exp:                                     | 11/16/2022   |             |          |           |                       |              |   |   |
| 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                     | C            |   |   |
| 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) | X                 | Alkalinity / W-F / W-TSS / TURBIDITY                                         |           |                                          |              | X           | Ice      |           | 1                     | C            |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                   |           | Formalin Lot #                           |              |             | Formalin |           |                       |              |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                     |           |                                          |              |             | Ice      |           |                       |              |   |   |
| Microbiology (Contract Lab Bottle) |                   | E Coli                                                                       |           | F Coli                                   | X            | Enterococci | X        | Ice       | 1                     | C            |   |   |
|                                    | 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#             |              |   |   |
|                                    |                   | W-PCL-TQ-R                                                                   |           | W-CARB-AA (5 ml of MCAA Buffer Solution) |              | W-CT-CL-R   |          |           |                       |              |   |   |
|                                    |                   | W-TR-SQ-R                                                                    |           | W-PCB-TQ-R                               |              |             |          |           |                       |              |   |   |
| Phytoplankton                      |                   | DTY-QN-C                                                                     |           | PKD-QN-BV                                |              |             | Ice      |           |                       |              |   |   |

Date of Request: 19-APR-2022  
 Created By: PASWATER\_B On: 19-APR-2022  
 Modified By: JASROTIA\_P On: 13-JUL-2022  
 Customer: SW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Southwest District  
 Event Description: SMP: Run 19 Nutrients

**Send Coolers To:**

Phone: 813-632-7600  
 FL Dept. of Environmental Protection  
 13051 N. Telecom Parkway  
 Temple Terrace, FL 33637-0926  
 Attn: Ben Paswater  
 Cooler Ship EMail: benjamin.paswater@dep.state.fl.us

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 13-JUL-2022  
 Biology Request Reviewed By: JASROTIA\_P On: 13-JUL-2022  
 Sampling Kit Required: YES Ship on: 22-JUL-2022  
 Sampling Kit Shipped: YES On: 20-JUL-2022  
 Sampling Kit Packed By: REAVES\_S  
 Preservatives Needed: NO  
 Date to Receive Samples: 01-AUG-2022  
 Logged In By:

**Send Final Report To:**

FL Dept. of Environmental Protection  
 13051 N. Telecom Parkway  
 Temple Terrace, FL 33637-0926  
 Attn: Bne Paswater  
 Report Notification EMail:  
 benjamin.paswater@dep.state.fl.us;sarah.meyer@dep.state.fl.us  
 ;jacob.yodzis@dep.state.fl.us

Comments: Clark Lake: Group A  
 Hudson Bayou: Group B  
 Island Park: Group C

**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 CaCO3/L                                           |
| TURBIDITY         | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                      |
| W-CL-IC           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                       |
| W-COLOR           | Template: DEFAULT    | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                      |
| Color (true)      |                      |                                                                                                         |
| W-F               | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO4-IC          | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                        |
| W-TDS             | Template: DEFAULT    | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                             |
| W-TSS             | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample         |

|                    |                      |                                                                                                              |
|--------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| CHLSUITE-W         | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                       |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L          |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices    |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices    |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-125ML | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                               |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

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

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

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

|                             |                      |                                                                                                              |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| W-F                         | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)      |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: 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: P-500ML        | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                                                |
| W-NH3                       | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |
| W-NO2NO3                    | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                           |
| W-S-A-TP                    | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                          |
| W-TKN                       | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                             |
| W-TOC                       | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                                             |
| Bottle Type: P-125ML        | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                                                   |
| W-PO4-F                     | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |

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

|                             |                      |                                                                                                                                                |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                                                                  |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |
| W-F                         | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                        |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                |
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                   |
| Bottle Type: 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: P-500ML        | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-ICP                       | Template: SMP-MARINE | (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                   |                      |                                                                                                                                                |
| Strontium                   |                      |                                                                                                                                                |
| Tin                         |                      |                                                                                                                                                |
| Titanium                    |                      |                                                                                                                                                |
| Vanadium                    |                      |                                                                                                                                                |
| Zinc                        |                      |                                                                                                                                                |
| W-ICPMS                     | Template: SMP-MARINE | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Strontium                  |                      |                                                                                                                                                |
| Aluminum                    |                      |                                                                                                                                                |
| Antimony                    |                      |                                                                                                                                                |
| Arsenic                     |                      |                                                                                                                                                |
| Beryllium                   |                      |                                                                                                                                                |
| Cadmium                     |                      |                                                                                                                                                |
| Chromium                    |                      |                                                                                                                                                |
| Cobalt                      |                      |                                                                                                                                                |
| Copper                      |                      |                                                                                                                                                |
| Lead                        |                      |                                                                                                                                                |
| Manganese                   |                      |                                                                                                                                                |
| Molybdenum                  |                      |                                                                                                                                                |
| Nickel                      |                      |                                                                                                                                                |
| Selenium                    |                      |                                                                                                                                                |
| Silver                      |                      |                                                                                                                                                |
| Thallium                    |                      |                                                                                                                                                |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                                                                                  |

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

|                      |                   |                                                                                          |                               |
|----------------------|-------------------|------------------------------------------------------------------------------------------|-------------------------------|
| Bottle Type: P-500ML |                   | Number of Bottles: 1                                                                     | Preserved With: ICE And H2SO4 |
| W-NH3                | Template: DEFAULT | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                               |                               |
| W-NO2NO3             | Template: DEFAULT | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                       |                               |
| W-S-A-TP             | Template: DEFAULT | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                      |                               |
| W-TKN                | Template: DEFAULT | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                         |                               |
| W-TOC                | Template: DEFAULT | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                         |                               |
| Bottle Type: P-125ML |                   | Number of Bottles: 1                                                                     | Preserved With: FILTER-ICE    |
| W-PO4-F              | Template: DEFAULT | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |                               |

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

