

# Login Checklist

RQ- 2023 - 07 - 17 - 52

Login Station ID: # 2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 07/26/2023 / 09:52

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 1.8c                |                 |                                        |          | 8                                     |               | x  |          |    | 6484 8456 5430     |
| 2.1C                |                 |                                        |          | 11                                    |               | x  |          |    | 5859 4737 4576     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

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

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

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No \_\_\_\_\_

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

Yes ☒ No ☒ *ABS*

## CONTAINER CHECK

Evidence Tape on Bottles? Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒ Evidence Tape intact? Yes \_\_\_\_\_ No \_\_\_\_\_

If Criminal, photographs taken? Yes \_\_\_\_\_ No \_\_\_\_\_ Containers intact? Yes ☒ No \_\_\_\_\_

Caps on tight? Yes ☒ No \_\_\_\_\_

Sufficient Sample Volume: Yes ☒ No \_\_\_\_\_

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

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

Yes ☒ No \_\_\_\_\_ Init: **ABS** /

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No ☒ 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 ☒ No \_\_\_\_\_ NA \_\_\_\_\_ Init: **ABS** /

\*\*W-1-4-DIOX (Green dot on container) preserved to pH< 4.0? Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒ Init: **ABS** /

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

Coolers Unpacked/Checked by: **ABS** / Date: 07/26/2023 Event contains NCRs(Y/N)? **n**

Event ID: **SW - DIST - 2023 - 07 - 26 - 0**

# Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                          |
|--------------------------|--------------------------|
| Infrared Thermometer ID: | IRTG # 2 EXP:10/17/2023  |
| pH Test Strips 0 – 6     | LOT#223819AV EXP:8/30/23 |
| pH Paper 0 – 3           | N/A                      |
| pH Paper 0 – 13          | LOT#207621 EXP:3/15/2024 |
| Chlorine Test Strips     | LOT#207621 EXP:3/15/2024 |

1196/2024/02 abs/04/03/23

## 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:** 7/25/2023  
**Customer:** SW-DIST  
**RQ:** RQ-2023-07-17-52  
**Collected By:** Megan Maloney, Ben Paswater  
**Sampling Agency:** FDEP  
**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                                                                                     |
|--------------------------------------|-----------------------------------------------------------------------------------------------------|
| LIVINGSTON CREEK AT OLD AVON PARK RD | <br>G4SW0104      |
| PAYNE CREEK IN STATE PARK            | <br>G3SW0084      |
| PAYNES CRK AT HOBBS RD               | <br>G3SW0118    |
| HORSE CREEK                          | <br>G3SW0012    |
| FB                                   | <br>FB_07252023 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 7/25/2023  
1700 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:** A.SHAIK

**Rec'd/Inspected Date:** 07/26/2023



|                        |                                                              |
|------------------------|--------------------------------------------------------------|
| RQ-2023-07-17-52       | <b>Collected By:</b> Megan Maloney, Ben Paswater             |
| <b>Customer:</b> FDEP  | <b>Field Report Prepared by:</b> Megan Maloney, Ben Paswater |
| <b>Project ID:</b> SMP | <b>Sampling Agency:</b> FDEP                                 |

**WIN ID/Field ID:**   
**WIN ID/Field ID:** G4SW0104

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

**Location:** LIVINGSTON CREEK AT OLD AVON PARK RD

**Matrix:** Fresh

(Check One) ☒ **Grab** ☐ **Composite**

| Date and Time {EST}                | DO (mg/L)                         | DO (%SAT)                                                                  | Temp. °C                      | pH                                       | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT <sub>h</sub> ) |                       |              |    |    |   |   |
|------------------------------------|-----------------------------------|----------------------------------------------------------------------------|-------------------------------|------------------------------------------|------------------|--------------|-----------------|---------------------|------------------------------|-----------------------|--------------|----|----|---|---|
| 7/25/2023 1010                     | 0.7                               | 9                                                                          | 27.1                          | 5.79                                     | 0.3              | 0.4          | 0.6             | 129.6               | 0.06                         |                       |              |    |    |   |   |
| 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 #                                                                      |                               | SA3013020                                |                  | Exp:         | 01/25/2024      |                     |                              |                       |              |    |    |   |   |
| 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 | A |
| Physical/Aggregate (Fresh) (P-1L)  | X                                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |                               |                                          |                  | X            | Ice             |                     |                              |                       |              |    |    | 1 | A |
| Physical/Aggregate (Marine) (P-1L) |                                   | Alkalinity / W-F / W-TSS / TURBIDITY                                       |                               |                                          |                  |              | Ice             |                     |                              |                       |              |    |    |   |   |
| Macroinvertebrates (PJ-2L)         |                                   | MI-FW-QLDC                                                                 |                               | Formalin Lot #                           |                  |              |                 | Formalin            |                              |                       |              |    |    |   |   |
| Periphyton (PT-50ML)               |                                   | ALGAE-ID                                                                   |                               |                                          |                  |              | Ice             |                     |                              |                       |              |    |    |   |   |
| Microbiology (Contract Lab Bottle) | X                                 | E Coli                                                                     |                               | F Coli                                   |                  | Enterococci  |                 | X                   | Ice                          |                       |              |    |    | 1 | A |
|                                    | X                                 | Contract Lab                                                               |                               |                                          |                  |              |                 |                     |                              |                       |              |    |    |   |   |
| Molecular (QPCR-P-500ML)           |                                   | PCR-HF183                                                                  |                               | PCR-BacR                                 |                  | PCR-DG3      |                 |                     | Ice                          |                       |              |    |    |   |   |
|                                    |                                   | PCR-GULL2                                                                  |                               | PCR-GFD                                  |                  |              |                 |                     |                              |                       |              |    |    |   |   |
| Tracers (BG-500ML)                 |                                   | W-E8321-DI                                                                 |                               | W-E8321-MS                               |                  |              |                 |                     | Ice                          |                       |              |    |    |   |   |
| Pesticides (BG-500ML) (BG-1L)      |                                   | W-E8321-DI                                                                 |                               | W-E8321-MS                               |                  | W-PSNP-TQ    |                 | Ice                 | MCAA Exp.                    | MCAA Lot#             |              |    |    |   |   |
|                                    |                                   | W-PCL-TQ-R                                                                 |                               | W-CARB-AA (5 ml of MCAA Buffer Solution) |                  | W-CT-CL-R    |                 |                     |                              |                       |              |    |    |   |   |
|                                    |                                   | W-TR-SQ-R                                                                  |                               | W-PCB-TQ-R                               |                  |              |                 |                     |                              |                       |              |    |    |   |   |
| Phytoplankton (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-2023-07-17-52

Collected By: Megan Maloney, Ben Paswater

Customer: FDEP

Field Report Prepared by: Megan Maloney, Ben Paswater

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID:   
 WIN ID/Field ID: G3SW0118

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

Location: PAYNES CRK AT HOBBS RD

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|-----------------|
| 7/25/2023<br>1140   | 8.43      | 108.2     | 28.2     | 7.72 | 0.2              | 0.4          | 0.4             | 288.6               | 0.14            |

  

| Parameter Suite                    | Parameter Methods |                                                                              |                                          |                                   | Preservation |             | pH Check |        | # Bottles sent to Lab | Bottle Group |   |   |
|------------------------------------|-------------------|------------------------------------------------------------------------------|------------------------------------------|-----------------------------------|--------------|-------------|----------|--------|-----------------------|--------------|---|---|
| Preserved Nutrients (P-500ML)      | X                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |                                          |                                   | X            | Ice         | X        | H2SO4* | 1                     | C            |   |   |
|                                    |                   | Lot #                                                                        | SA3013020                                | Exp:                              | 01/25/2024   |             | X        | <2     |                       |              |   |   |
| 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      |                       |              | C |   |
| 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      |                       |              | C |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-F / W-TSS / TURBIDITY                                         |                                          |                                   |              |             | Ice      |        |                       |              |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                   | Formalin Lot #                           |                                   |              | Formalin    |          |        |                       |              |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                     |                                          |                                   |              |             | Ice      |        |                       |              |   |   |
| Microbiology (Contract Lab Bottle) | X                 | E Coli                                                                       |                                          | F Coli                            |              | Enterococci | X        | Ice    |                       |              | 1 | C |
|                                    | X                 | Contract Lab                                                                 |                                          |                                   |              |             |          |        |                       |              |   |   |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                    |                                          | PCR-BacR                          | PCR-DG3      |             | Ice      |        |                       |              |   |   |
|                                    |                   | PCR-GULL2                                                                    |                                          | PCR-GFD                           |              |             |          |        |                       |              |   |   |
| Tracers (BG-500ML)                 | X                 | W-E8321-DI                                                                   |                                          | X                                 | W-E8321-MS   |             | X        | Ice    | 1                     | C            |   |   |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-E8321-DI                                                                   | W-E8321-MS                               |                                   | W-PSNP-TQ    |             |          | Ice    | MCAA Exp.             | MCAA Lot#    |   |   |
|                                    |                   | W-PCL-TQ-R                                                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) |                                   | W-CT-CL-R    |             |          |        |                       |              |   |   |
|                                    |                   | W-TR-SQ-R                                                                    | W-PCB-TQ-R                               |                                   |              |             |          |        |                       |              |   |   |
| Phytoplankton (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-2023-07-17-52

Collected By: Megan Maloney, Ben Paswater

Customer: FDEP

Field Report Prepared by: Megan Maloney, Ben Paswater

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3SW0084

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

Location: PAYNE CREEK IN STATE PARK

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|----------------|
| 7/25/2023<br>1120   | 7.46      | 95.7      | 28.1     | 7.75 | 0.3              | 0.7          | 0.7             | 420.6               | 0.2            |

  

| 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* | X                     | <2           | 1  | D  |   |   |
|                                    |                   | Lot # SA3013020                                                              |   | Exp:                                     | 01/25/2024   |             |          |        |                       |              |    |    |   |   |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                      | X | W-ICP                                    | X            | W-HARD      | X        | Ice    | X                     | HNO3*        | X  | <2 | 1 | D |
|                                    |                   | Lot # NA2230304                                                              |   | Exp:                                     | 09/01/2023   |             |          |        |                       |              |    |    |   |   |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                      |   | Field Filtered 0.45 µm Filter            |              |             | Ice      |        |                       |              |    |    |   |   |
|                                    |                   | Filter Lot #                                                                 |   | Syringe Lot #                            |              |             |          |        |                       |              |    |    |   |   |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                   |   |                                          |              |             | Ice      |        |                       |              |    |    |   |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                   |   |                                          |              | X           | Ice      |        |                       | 1            |    | D  |   |   |
| 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            |    | D  |   |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-F / W-TSS / TURBIDITY                                         |   |                                          |              |             | Ice      |        |                       |              |    |    |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                   |   | Formalin Lot #                           |              |             | Formalin |        |                       |              |    |    |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                     |   |                                          |              |             | Ice      |        |                       |              |    |    |   |   |
| Microbiology (Contract Lab Bottle) | X                 | E Coli                                                                       |   | F Coli                                   |              | Enterococci | X        | Ice    |                       | 1            | 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   |          | Ice    | MCAA Exp.             | MCAA Lot#    |    |    |   |   |
|                                    |                   | W-PCL-TQ-R                                                                   |   | W-CARB-AA (5 ml of MCAA Buffer Solution) |              | W-CT-CL-R   |          |        |                       |              |    |    |   |   |
|                                    |                   | W-TR-SQ-R                                                                    |   | W-PCB-TQ-R                               |              |             |          |        |                       |              |    |    |   |   |
| Phytoplankton (BP-1L)              |                   | DTY-QN-C                                                                     |   | PKD-QN-BV                                |              |             |          | Ice    |                       |              |    |    |   |   |
| DOC (P-500ML)                      |                   | W-DOC                                                                        |   | Field Filtered 0.45 µm Filter            |              |             |          | Ice    |                       | H2SO4*       | <2 |    |   |   |
|                                    |                   |                                                                              |   | Acid Preservative Expiration Date        |              |             |          |        |                       |              |    |    |   |   |
|                                    |                   |                                                                              |   | Acid Preservative Lot Number             |              |             |          |        |                       |              |    |    |   |   |

|                        |                                                              |
|------------------------|--------------------------------------------------------------|
| RQ-2023-07-17-52       | <b>Collected By:</b> Megan Maloney, Ben Paswater             |
| <b>Customer:</b> FDEP  | <b>Field Report Prepared by:</b> Megan Maloney, 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> G3SW0012 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|

Location: HORSE CREEK

| Matrix: Fresh                      |           |                                      |                                                                            |                                          | (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 <sub>h</sub> )       |                       |              |    |       |   |    |     |   |   |
| 7/25/2023 1215                     | 8.28      | 105.9                                | 28.1                                                                       | 7.92                                     | 0.2              | 0.4          | 0.4                                      | 452.8               | 0.22                               |                       |              |    |       |   |    |     |   |   |
| 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 #                                |                                                                            | SA3013020                                |                  | Exp:         |                                          | 01/25/2024          |                                    |                       |              |    |       |   |    |     |   |   |
| Metals (P-500ML)                   |           | X                                    | W-ICPMS                                                                    |                                          | X                | W-ICP        |                                          | X                   | W-HARD                             | X                     | Ice          | X  | HNO3* | X | <2 | 1   | B |   |
|                                    |           | Lot #                                |                                                                            | NA2230304                                |                  | Exp:         |                                          | 09/01/2023          |                                    |                       |              |    |       |   |    |     |   |   |
| Filtered Nutrients (P125ML)        |           | W-PO4-F                              |                                                                            | Field Filtered 0.45 µm Filter            |                  |              |                                          | Ice                 |                                    |                       |              |    |       |   |    |     |   |   |
|                                    |           | Filter Lot #                         |                                                                            | Syringe Lot #                            |                  |              |                                          |                     |                                    |                       |              |    |       |   |    |     |   |   |
| BOD (BP-1L)                        |           | OV-BODUNIN                           |                                                                            |                                          |                  | Ice          |                                          |                     |                                    |                       |              |    |       |   |    |     |   |   |
| Chlorophyll (BP-1L)                |           | X                                    | CHLSUITE-W                                                                 |                                          |                  |              | X                                        | Ice                 | 1                                  |                       |              |    |       |   |    | B   |   |   |
| Physical/Aggregate (Fresh) (P-1L)  |           | X                                    | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |                                          |                  |              | X                                        | Ice                 | 1                                  |                       |              |    |       |   |    | B   |   |   |
| Physical/Aggregate (Marine) (P-1L) |           | Alkalinity / W-F / W-TSS / TURBIDITY |                                                                            |                                          |                  | Ice          |                                          |                     |                                    |                       |              |    |       |   |    |     |   |   |
| Macroinvertebrates (PJ-2L)         |           | MI-FW-QLDC                           |                                                                            | Formalin Lot #                           |                  | Formalin     |                                          |                     |                                    |                       |              |    |       |   |    |     |   |   |
| Periphyton (PT-50ML)               |           | ALGAE-ID                             |                                                                            |                                          |                  | Ice          |                                          |                     |                                    |                       |              |    |       |   |    |     |   |   |
| Microbiology (Contract Lab Bottle) |           | X                                    | E Coli                                                                     |                                          | F Coli           |              | Enterococci                              |                     | X                                  |                       |              |    |       |   |    | Ice | 1 | B |
|                                    |           | Contract Lab                         |                                                                            |                                          |                  |              |                                          |                     |                                    |                       |              |    |       |   |    |     |   |   |
| Molecular (QPCR-P-500ML)           |           | PCR-HF183                            |                                                                            | PCR-BacR                                 |                  | PCR-DG3      |                                          | Ice                 |                                    |                       |              |    |       |   |    |     |   |   |
|                                    |           | PCR-GULL2                            |                                                                            | PCR-GFD                                  |                  |              |                                          |                     |                                    |                       |              |    |       |   |    |     |   |   |
| Tracers (BG-500ML)                 |           | X                                    | W-E8321-DI                                                                 |                                          | X                | W-E8321-MS   |                                          | X                   | Ice                                | 1                     | B            |    |       |   |    |     |   |   |
| Pesticides (BG-500ML) (BG-1L)      |           | W-E8321-DI                           |                                                                            | W-E8321-MS                               |                  | W-PSNP-TQ    |                                          | Ice                 | MCAA Exp.                          | MCAA Lot#             |              |    |       |   |    |     |   |   |
|                                    |           | W-PCL-TQ-R                           |                                                                            | W-CARB-AA (5 ml of MCAA Buffer Solution) |                  | W-CT-CL-R    |                                          |                     |                                    |                       |              |    |       |   |    |     |   |   |
|                                    |           | W-TR-SQ-R                            |                                                                            | W-PCB-TQ-R                               |                  |              |                                          |                     |                                    |                       |              |    |       |   |    |     |   |   |
| Phytoplankton (BP-1L)              |           | DTY-QN-C                             |                                                                            | PKD-QN-BV                                |                  | Ice          |                                          |                     |                                    |                       |              |    |       |   |    |     |   |   |
| DOC (P-500ML)                      |           | W-DOC                                |                                                                            | Field Filtered 0.45 µm Filter            |                  | Ice          |                                          | H2SO4*              |                                    | <2                    |              |    |       |   |    |     |   |   |
|                                    |           |                                      |                                                                            | Acid Preservative Expiration Date        |                  |              |                                          |                     |                                    |                       |              |    |       |   |    |     |   |   |
|                                    |           |                                      |                                                                            | Acid Preservative Lot Number             |                  |              |                                          |                     |                                    |                       |              |    |       |   |    |     |   |   |

|                                                                                                                                    |                  |                                                                             |               |      |                                                                                         |                                                       |                 |                     |                       |              |
|------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------------------|---------------|------|-----------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------|---------------------|-----------------------|--------------|
|                                                   | RQ-2023-07-17-52 |                                                                             |               |      |                                                                                         | Collected By: Megan Maloney, Ben Paswater             |                 |                     |                       |              |
|                                                                                                                                    | Customer: FDEP   |                                                                             |               |      |                                                                                         | Field Report Prepared by: Megan Maloney, Ben Paswater |                 |                     |                       |              |
|                                                                                                                                    | Project ID: SMP  |                                                                             |               |      |                                                                                         | Sampling Agency: FDEP                                 |                 |                     |                       |              |
| WIN ID/Field ID: <br>WIN ID/Field ID: FB_07252023 |                  |                                                                             |               |      | Comments: Microbiology sample(s) submitted to contract laboratory.                      |                                                       |                 |                     |                       |              |
| Location: FB                                                                                                                       |                  |                                                                             |               |      |                                                                                         |                                                       |                 |                     |                       |              |
| Matrix: W-FIELD-BLANK                                                                                                              |                  |                                                                             |               |      | (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)        |              |
| 7/25/2023<br>1130                                                                                                                  |                  |                                                                             |               |      |                                                                                         |                                                       |                 |                     |                       |              |
| Parameter Suite                                                                                                                    |                  | Parameter Methods                                                           |               |      | Preservation                                                                            |                                                       | pH Check        |                     | # Bottles sent to Lab | Bottle Group |
| Preserved Nutrients (P-500ML)                                                                                                      |                  | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                 |               |      | Ice H2SO4*                                                                              |                                                       | <2              |                     |                       |              |
|                                                                                                                                    |                  | Lot #                                                                       |               | Exp: |                                                                                         |                                                       |                 |                     |                       |              |
| Metals (P-500ML)                                                                                                                   |                  | W-ICPMS W-ICP W-HARD                                                        |               |      | Ice HNO3*                                                                               |                                                       | <2              |                     |                       |              |
|                                                                                                                                    |                  | Lot #                                                                       |               | Exp: |                                                                                         |                                                       |                 |                     |                       |              |
| Filtered Nutrients (P125ML)                                                                                                        |                  | W-PO4-F Field Filtered 0.45 um Filter                                       |               |      | Ice                                                                                     |                                                       |                 |                     |                       |              |
|                                                                                                                                    |                  | Filter Lot #                                                                | Syringe Lot # |      |                                                                                         |                                                       |                 |                     |                       |              |
| BOD (BP-1L)                                                                                                                        |                  | OV-BODUNIN                                                                  |               |      | Ice                                                                                     |                                                       |                 |                     |                       |              |
| Chlorophyll (BP-1L)                                                                                                                |                  | CHLSUITE-W                                                                  |               |      | Ice                                                                                     |                                                       |                 |                     |                       |              |
| Physical/Aggregate (Fresh) (P-1L)                                                                                                  |                  | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |               |      | Ice                                                                                     |                                                       |                 |                     |                       |              |
| Physical/Aggregate (Marine) (P-1L)                                                                                                 |                  | Alkalinity / W-F / W-TSS / TURBIDITY                                        |               |      | Ice                                                                                     |                                                       |                 |                     |                       |              |
| Macroinvertebrates (PJ-2L)                                                                                                         |                  | MI-FW-QLDC Formalin Lot #                                                   |               |      | Formalin                                                                                |                                                       |                 |                     |                       |              |
| Periphyton (PT-50ML)                                                                                                               |                  | ALGAE-ID                                                                    |               |      | Ice                                                                                     |                                                       |                 |                     |                       |              |
| Microbiology (Contract Lab Bottle)                                                                                                 |                  | E Coli F Coli Enterococci                                                   |               |      | Ice                                                                                     |                                                       |                 |                     |                       |              |
|                                                                                                                                    |                  | Contract Lab                                                                |               |      |                                                                                         |                                                       |                 |                     |                       |              |
| Molecular (QPCR-P-500ML)                                                                                                           |                  | PCR-HF183 PCR-BacR PCR-DG3                                                  |               |      | Ice                                                                                     |                                                       |                 |                     |                       |              |
|                                                                                                                                    |                  | PCR-GULL2 PCR-GFD                                                           |               |      |                                                                                         |                                                       |                 |                     |                       |              |
| Tracers (BG-500ML)                                                                                                                 |                  | 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)                                                                                                                      |                  | Field Filtered 0.45 um Filter                                               |               |      | Ice H2SO4*                                                                              |                                                       | <2              |                     |                       |              |
|                                                                                                                                    |                  | Acid Preservative Expiration Date                                           |               |      |                                                                                         |                                                       |                 |                     |                       |              |
|                                                                                                                                    |                  | Acid Preservative Lot Number                                                |               |      |                                                                                         |                                                       |                 |                     |                       |              |

120712031

| Date                            |      | Time                            |      |
|---------------------------------|------|---------------------------------|------|
| Date                            | Time | Date                            | Time |
| 7-25-23                         | 1403 | 7-25-23                         | 1403 |
| Received By: <i>[Signature]</i> |      | Received By: <i>[Signature]</i> |      |
| Nathan Hadse                    |      | Nathan Hadse                    |      |



Date of Request: 26-JUN-2023  
 Created By: MATHIAS\_D On: 26-JUN-2023  
 Modified By: JASROTIA\_P On: 29-JUN-2023  
 Customer: SW-DIST  
 Project: SMP  
 Division:  
 District: Southwest District  
 Event Description: Run 7

**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: 29-JUN-2023  
 Biology Request Reviewed By: JASROTIA\_P On: 29-JUN-2023  
 Sampling Kit Required: YES Ship on: 12-JUL-2023  
 Sampling Kit Shipped: YES On: 12-JUL-2023  
 Sampling Kit Packed By: LEBRUN\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 17-JUL-2023  
 Logged In By: SHAIK\_A On: 26-JUL-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 2 Samples:**

|                   |                      |                                                                                                         |
|-------------------|----------------------|---------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 2 | 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: 2 | 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: 2 | Preserved With: ICE                                              |
| SW-BEA-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Collert/QT by BEA in Palmetto |

|                                   |                      |                                                                     |
|-----------------------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML              | Number of Bottles: 2 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>              |
| W-NH <sub>3</sub>                 | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L          |
| W-NO <sub>2</sub> NO <sub>3</sub> | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  |
| W-S-A-TP                          | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN                             | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices    |
| W-TOC                             | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices    |

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

|                                   |                      |                                                                     |
|-----------------------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML              | Number of Bottles: 1 | Preserved With: 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    |

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

|                             |                      |                                                                                                                                                |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                                                                                  |
| W-TOC                       | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                                                                               |
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                                                                  |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |
| W-CL-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                              |
| W-COLOR                     | Template: DEFAULT    | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                                                             |
| Color (true)                |                      |                                                                                                                                                |
| W-F                         | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                        |
| W-SO4-IC                    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                               |
| W-TDS                       | Template: DEFAULT    | (SM 2540 C-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: BG-500ML       | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| W-E8321-DI                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| W-E8321-MS                  | Template: SMP        | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-HARD                      | Template: DEFAULT    | (SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                                                          |
| Hardness                    |                      |                                                                                                                                                |
| W-ICP                       | Template: SMP-FRESH  | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Calcium                     |                      |                                                                                                                                                |
| Iron                        |                      |                                                                                                                                                |
| Magnesium                   |                      |                                                                                                                                                |
| Potassium                   |                      |                                                                                                                                                |
| Sodium                      |                      |                                                                                                                                                |
| Strontium                   |                      |                                                                                                                                                |
| Tin                         |                      |                                                                                                                                                |
| Titanium                    |                      |                                                                                                                                                |
| Vanadium                    |                      |                                                                                                                                                |
| Zinc                        |                      |                                                                                                                                                |
| W-ICPMS                     | Template: DEFAULT    | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| Aluminum                    |                      |                                                                                                                                                |
| Antimony                    |                      |                                                                                                                                                |
| Arsenic                     |                      |                                                                                                                                                |
| Barium                      |                      |                                                                                                                                                |
| Beryllium                   |                      |                                                                                                                                                |
| Boron                       |                      |                                                                                                                                                |
| Cadmium                     |                      |                                                                                                                                                |
| Chromium                    |                      |                                                                                                                                                |
| Cobalt                      |                      |                                                                                                                                                |
| Copper                      |                      |                                                                                                                                                |
| Lead                        |                      |                                                                                                                                                |
| Manganese                   |                      |                                                                                                                                                |
| Molybdenum                  |                      |                                                                                                                                                |
| Nickel                      |                      |                                                                                                                                                |
| Selenium                    |                      |                                                                                                                                                |
| Silver                      |                      |                                                                                                                                                |
| Thallium                    |                      |                                                                                                                                                |

**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-CL-IC           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices             |

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

|                             |                      |                                                                                                         |
|-----------------------------|----------------------|---------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| W-COLOR                     | Template: DEFAULT    | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                      |
| Color (true)                |                      |                                                                                                         |
| W-F                         | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO4-IC                    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                        |
| W-TDS                       | Template: DEFAULT    | (SM 2540 C-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: BG-500ML       | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| W-E8321-DI                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                 |
| W-E8321-MS                  | Template: SMP        | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                 |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: 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 Group D (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-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: 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                     |                      |                                                                                                                                                |

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

|                      |                      |                                                                                                                             |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                                                        |
| 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 |

Barium  
Beryllium  
Boron  
Cadmium  
Chromium  
Cobalt  
Copper  
Lead  
Manganese  
Molybdenum  
Nickel  
Selenium  
Silver  
Thallium

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