

# Login Checklist

RQ- 2323-02-20-23

Login Station ID: 5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 2/ 22 / 23 @ 9:10

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 14                  |                 |                                        |          | 7                                     |               | X  |          |    | 586947333574       |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

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

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

Chain of Custody/ Field Sheet(s) Included? Yes X No \_\_\_\_\_

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes \_\_\_\_\_ No X

## CONTAINER CHECK

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

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

Caps on tight? Yes X No \_\_\_\_\_

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

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

**CHLORINE CHECK REQUIRED?** (Blue dot on container) Yes \_\_\_\_\_ No X Init: C-F

Chlorine detected? (One container checked per Field ID) Yes \_\_\_\_\_ No \_\_\_\_\_ Init: \_\_\_\_\_

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

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

\*\*Acid Preserved Samples: pH< 2.0? Yes X No \_\_\_\_\_ NA \_\_\_\_\_ Init: C-F

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

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

Coolers Unpacked/Checked by: C-F Date: 2/ 22 /23 Event contains NCRs(Y/N)? N

EventID: SW-DIST-2023-02-22-01 (SMP)  
Date Received: 22-FEB-2023 09:20

## Login Checklist

| Login Preservation Equipment | Lot # & Exp: Date  |
|------------------------------|--------------------|
| Infrared Thermometer ID:     | 221426058 10/17/23 |
| pH Test Strips 0 – 6         | 223819AV 08/30/23  |
| pH Paper 0 – 3               | NA                 |
| pH Paper 0 – 13              | 210620 4/15/2023   |
| Chlorine Test Strips         | 0070 02/2023       |

Additional Comments:

### ENCORE SAMPLES

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

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

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

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

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

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 2/21/2023      **Collected By:** Kevin Grace, Sarah Meyer  
**Customer:** SW-DIST      **Sampling Agency:** FDEP  
**RQ:** RQ-2023-02-20-35      **Project ID:** SMP

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

**Number of Coolers Shipped:** 1

**Delivery Method:** FedEx

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

| Site Location                                     | Field ID/WIN ID                                                                                     |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| West Cedar Hammock @ American Legion              | <br>G3SW0109      |
| Sugarhouse Creek @ 26th Avenue East               | <br>G2SW0163    |
| Braden River Below Ward Lake@ramp                 | <br>G2SW0111    |
| Miller Mac Rd Ditch at US 41 N of Di Mere Packing | <br>G1SW0138    |
| FB                                                | <br>FB_02212023 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 2/21/2023  
1700 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:



Rec'd/Inspected

Date: 2-22-23

**Acid Preservative Lot Number**



|                                                                                                                                 |                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| RQ-2023-02-20-35                                                                                                                | Collected By: Kevin Grace, Sarah Meyer                             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Kevin Grace, Sarah Meyer                 |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                              |
| WIN ID/Field ID: <br>WIN ID/Field ID: G2SW0163 | Comments: Microbiology sample(s) submitted to contract laboratory. |

Location: Sugarhouse Creek @ 26th Avenue East

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)       |              |
|------------------------------------|-----------------------------------------------------------------------------|-----------|----------|------|-------------------------|--------------|-----------------|--------------------|-----------------------|--------------|
| 2/21/2023<br>1135                  | 2.86                                                                        | 39        | 24.3     | 7.08 | 0.3                     | 0.7          | 0.7             | 37233              | 23.58                 |              |
| Parameter Suite                    | Parameter Methods                                                           |           |          |      | Preservation            |              | pH Check        |                    | # Bottles sent to Lab | Bottle Group |
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                 |           |          |      | Ice H2SO4*              |              | <2              |                    |                       |              |
|                                    | Lot # Exp:                                                                  |           |          |      |                         |              |                 |                    |                       |              |
| Metals (P-500ML)                   | W-ICPMS W-ICP W-HARD                                                        |           |          |      | Ice HNO3*               |              | <2              |                    |                       |              |
|                                    | Lot # Exp:                                                                  |           |          |      |                         |              |                 |                    |                       |              |
| Filtered Nutrients (P125ML)        | W-PO4-F Field Filtered 0.45 µm Filter                                       |           |          |      | Ice                     |              |                 |                    |                       |              |
|                                    | Filter Lot # Syringe Lot #                                                  |           |          |      |                         |              |                 |                    |                       |              |
| BOD (BP-1L)                        | OV-BODUNIN                                                                  |           |          |      | Ice                     |              |                 |                    |                       |              |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                  |           |          |      | Ice                     |              |                 |                    |                       |              |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |           |          |      | Ice                     |              |                 |                    |                       |              |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY                                        |           |          |      | Ice                     |              |                 |                    |                       |              |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC Formalin Lot #                                                   |           |          |      | Formalin                |              |                 |                    |                       |              |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                    |           |          |      | Ice                     |              |                 |                    |                       |              |
| Microbiology (Contract Lab Bottle) | E Coli F Coli X Enterococci                                                 |           |          |      | x Ice                   |              |                 |                    | 1                     | C            |
|                                    | X Contract Lab                                                              |           |          |      |                         |              |                 |                    |                       |              |
| Molecular (QPCR-P-500ML)           | PCR-HF183 PCR-BacR PCR-DG3                                                  |           |          |      | Ice                     |              |                 |                    |                       |              |
|                                    | PCR-GULL2 PCR-GFD                                                           |           |          |      |                         |              |                 |                    |                       |              |
| Tracers (BG-500ML)                 | W-E8321-DI W-E8321-MS                                                       |           |          |      | Ice                     |              |                 |                    |                       |              |
|                                    |                                                                             |           |          |      |                         |              |                 |                    |                       |              |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI W-E8321-MS W-PSNP-TQ                                             |           |          |      | Ice MCAA Exp. MCAA Lot# |              |                 |                    |                       |              |
|                                    | W-PCL-TQ-R W-CARB-AA (5 ml of MCAA Buffer Solution) W-CT-CL-R               |           |          |      |                         |              |                 |                    |                       |              |
|                                    | W-TR-SQ-R W-PCB-TQ-R                                                        |           |          |      |                         |              |                 |                    |                       |              |
| Phytoplankton                      | DTY-QN-C PKD-QN-BV                                                          |           |          |      | Ice                     |              |                 |                    |                       |              |
|                                    |                                                                             |           |          |      |                         |              |                 |                    |                       |              |
| DOC                                | W-DOC Field Filtered 0.45 µm Filter                                         |           |          |      | Ice H2SO4*              |              | <2              |                    |                       |              |
|                                    | Acid Preservative Expiration Date                                           |           |          |      |                         |              |                 |                    |                       |              |
|                                    | Acid Preservative Lot Number                                                |           |          |      |                         |              |                 |                    |                       |              |

|                  |                                                    |
|------------------|----------------------------------------------------|
| RQ-2023-02-20-35 | Collected By: Kevin Grace, Sarah Meyer             |
| Customer: FDEP   | Field Report Prepared by: Kevin Grace, Sarah Meyer |
| Project ID: SMP  | Sampling Agency: FDEP                              |

**WIN ID/Field ID:**

**WIN ID/Field ID: G2SW0111**

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

**Location:** Braden River Below Ward Lake@ramp

**Matrix: Marine**

(Check One)

✓ Grab

☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|-----------------|
| 2/21/2023 1200      | 6.25      | 85.1      | 23.2     | 7.51 | 0.3              | 1.2          | 1.2             | 40650               | 26.02           |

| 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                                   |      | X         | Enterococci | x            |           |           |          |  |                       | Ice          | 1 | C |
|                                    | X                                                                            | Contract Lab   |                                          |      |           |             |              |           |           |          |  |                       |              |   |   |
| Molecular (QPCR-P-500ML)           | PCR-HF183                                                                    |                | PCR-BacR                                 |      | PCR-DG3   |             | Ice          |           |           |          |  |                       |              |   |   |
|                                    | PCR-GULL2                                                                    |                | PCR-GFD                                  |      |           |             |              |           |           |          |  |                       |              |   |   |
| Tracers (BG-500ML)                 | W-E8321-DI                                                                   |                | W-E8321-MS                               |      |           |             | Ice          |           |           |          |  |                       |              |   |   |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI                                                                   |                | W-E8321-MS                               |      | W-PSNP-TQ |             | Ice          | MCAA Exp. | MCAA Lot# |          |  |                       |              |   |   |
|                                    | W-PCL-TQ-R                                                                   |                | W-CARB-AA (5 ml of MCAA Buffer Solution) |      | W-CT-CL-R |             |              |           |           |          |  |                       |              |   |   |
|                                    | W-TR-SQ-R                                                                    |                | W-PCB-TQ-R                               |      |           |             |              |           |           |          |  |                       |              |   |   |
| Phytoplankton                      | DTY-QN-C                                                                     |                | PKD-QN-BV                                |      |           |             | Ice          |           |           |          |  |                       |              |   |   |
| DOC                                | W-DOC                                                                        |                | Field Filtered 0.45 um Filter            |      |           |             | Ice          | H2SO4*    |           | <2       |  |                       |              |   |   |
|                                    |                                                                              |                | Acid Preservative Expiration Date        |      |           |             |              |           |           |          |  |                       |              |   |   |
|                                    |                                                                              |                | Acid Preservative Lot Number             |      |           |             |              |           |           |          |  |                       |              |   |   |



RQ-2023-02-20-35

Customer: FDEP

Project ID: SMP

Collected By: Kevin Grace, Sarah Meyer

Field Report Prepared by: Kevin Grace, Sarah Meyer

Sampling Agency: FDEP

Comments:

WIN ID/Field ID:

WIN ID/Field ID: FB\_02212023

Location: FB

Matrix: W-FIELD-BLANK

(Check One)

☒ Grab☐ Composite

| Date and Time {EST}                | DO (mg/L)                                                                   | DO (%SAT)                                | Temp. °C                      | pH          | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm)   | Salinity (PPT) |
|------------------------------------|-----------------------------------------------------------------------------|------------------------------------------|-------------------------------|-------------|------------------|--------------|-----------------|-----------------------|----------------|
| 2/21/2023<br>950                   |                                                                             |                                          |                               |             |                  |              |                 |                       |                |
| Parameter Suite                    | Parameter Methods                                                           |                                          |                               |             | Preservation     |              | pH Check        | # Bottles sent to Lab | Bottle Group   |
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                 |                                          |                               |             | Ice              | H2SO4*       | <2              |                       |                |
|                                    | Lot #                                                                       |                                          | Exp:                          |             |                  |              |                 |                       |                |
| Metals (P-500ML)                   | W-ICPMS                                                                     |                                          | W-ICP                         | W-HARD      | Ice              | HNO3*        | <2              |                       |                |
|                                    | Lot #                                                                       |                                          | Exp:                          |             |                  |              |                 |                       |                |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                     |                                          | Field Filtered 0.45 µm Filter |             | Ice              |              |                 |                       |                |
|                                    | Filter Lot #                                                                | Syringe Lot #                            |                               |             |                  |              |                 |                       |                |
| BOD (BP-1L)                        | OV-BODUNIN                                                                  |                                          |                               |             | Ice              |              |                 |                       |                |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                  |                                          |                               |             | Ice              |              |                 |                       |                |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |                                          |                               |             | Ice              |              |                 |                       |                |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-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                      | DTY-QN-C                                                                    |                                          | PKD-QN-BV                     |             | Ice              |              |                 |                       |                |
| DOC                                | W-DOC                                                                       | Field Filtered 0.45 µm Filter            |                               |             | Ice              | H2SO4*       | <2              |                       |                |
|                                    |                                                                             | Acid Preservative Expiration Date        |                               |             |                  |              |                 |                       |                |
|                                    |                                                                             | Acid Preservative Lot Number             |                               |             |                  |              |                 |                       |                |



|                  |                                                    |
|------------------|----------------------------------------------------|
| RQ-2023-02-20-35 | Collected By: Kevin Grace, Sarah Meyer             |
| Customer: FDEP   | Field Report Prepared by: Kevin Grace, Sarah Meyer |
| Project ID: SMP  | Sampling Agency: FDEP                              |

WIN ID/Field ID:



WIN ID/Field ID: G1SW0138

Comments:

Location: Miller Mac Rd Ditch at US 41 N of Di Mere Packing

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)       |              |    |   |   |  |  |
|------------------------------------|-----------|-----------------------------------------------------------------------------|------------------------------------------|------------|-------------------------------|--------------|-----------------|---------------------|-----------------------|--------------|----|---|---|--|--|
| 2/21/2023<br>940                   | 5.4       | 59                                                                          | 19.6                                     | 6.93       | 0.2                           | 0.4          | 0.4             | 437.5               | 0.21                  |              |    |   |   |  |  |
| 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 #                                                                       | SA2299040                                |            | Exp:                          | 11/04/2023   |                 |                     |                       |              |    |   |   |  |  |
| Metals (P-500ML)                   |           | W-ICPMS                                                                     |                                          | W-ICP      | W-HARD                        |              | Ice             |                     | HNO3*                 |              | <2 |   |   |  |  |
|                                    |           | Lot #                                                                       |                                          |            | Exp:                          |              |                 |                     |                       |              |    |   |   |  |  |
| Filtered Nutrients (P125ML)        | X         | W-PO4-F                                                                     |                                          | X          | Field Filtered 0.45 um Filter |              | X               | Ice                 |                       |              |    | 1 | A |  |  |
|                                    |           | Filter Lot #                                                                |                                          |            | Syringe Lot #                 |              |                 |                     |                       |              |    |   |   |  |  |
| BOD (BP-1L)                        |           | OV-BODUNIN                                                                  |                                          |            |                               |              | Ice             |                     |                       |              |    |   |   |  |  |
| Chlorophyll (BP-1L)                | X         | CHLSUITE-W                                                                  |                                          |            |                               | X            | Ice             |                     |                       |              |    | 1 | A |  |  |
| Physical/Aggregate (Fresh) (P-1L)  | X         | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS |                                          |            |                               | X            | Ice             |                     |                       |              |    | 1 | A |  |  |
| Physical/Aggregate (Marine) (P-1L) |           | Alkalinity / W-F / W-TSS / TURBIDITY                                        |                                          |            |                               |              | Ice             |                     |                       |              |    |   |   |  |  |
| Macroinvertebrates (PJ-2L)         |           | MI-FW-QLDC                                                                  | Formalin Lot #                           |            |                               |              | Formalin        |                     |                       |              |    |   |   |  |  |
| Periphyton (PT-50ML)               |           | ALGAE-ID                                                                    |                                          |            |                               |              | Ice             |                     |                       |              |    |   |   |  |  |
| Microbiology (Contract Lab Bottle) |           | E Coli                                                                      |                                          | F Coli     | Enterococci                   |              | Ice             |                     |                       |              |    |   |   |  |  |
|                                    |           | Contract Lab                                                                |                                          |            |                               |              | Ice             |                     |                       |              |    |   |   |  |  |
| Molecular (QPCR-P-500ML)           |           | PCR-HF183                                                                   |                                          | PCR-BacR   | PCR-DG3                       |              | Ice             |                     |                       |              |    |   |   |  |  |
|                                    |           | PCR-GULL2                                                                   |                                          | PCR-GFD    |                               |              | Ice             |                     |                       |              |    |   |   |  |  |
| Tracers (BG-500ML)                 |           | W-E8321-DI                                                                  |                                          | W-E8321-MS |                               |              | Ice             |                     |                       |              |    |   |   |  |  |
| Pesticides (BG-500ML) (BG-1L)      |           | W-E8321-DI                                                                  | W-E8321-MS                               |            | W-PSNP-TQ                     |              | Ice             | MCAA Exp.           | MCAA Lot#             |              |    |   |   |  |  |
|                                    |           | W-PCL-TQ-R                                                                  | W-CARB-AA (5 ml of MCAA Buffer Solution) |            | W-CT-CL-R                     |              |                 |                     |                       |              |    |   |   |  |  |
|                                    |           | W-TR-SQ-R                                                                   | W-PCB-TQ-R                               |            |                               |              |                 |                     |                       |              |    |   |   |  |  |
| Phytoplankton                      |           | DTY-QN-C                                                                    |                                          | PKD-QN-BV  |                               |              | Ice             |                     |                       |              |    |   |   |  |  |
| DOC                                |           | W-DOC                                                                       | Field Filtered 0.45 um Filter            |            |                               |              | Ice             |                     | H2SO4*                |              | <2 |   |   |  |  |
|                                    |           |                                                                             | Acid Preservative Expiration Date        |            |                               |              |                 |                     |                       |              |    |   |   |  |  |
|                                    |           |                                                                             | Acid Preservative Lot Number             |            |                               |              |                 |                     |                       |              |    |   |   |  |  |

Date of Request: 31-JAN-2023  
 Created By: PASWATER\_B On: 31-JAN-2023  
 Modified By: KLUG\_K On: 21-FEB-2023  
 Customer: SW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Southwest District  
 Event Description: Run 14

**Send Coolers To:**

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

Priority: 3  
 Event Status: A  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: KLUG\_K On: 21-FEB-2023  
 Biology Request Reviewed By: KLUG\_K On: 21-FEB-2023  
 Sampling Kit Required: NO Ship on:  
 Sampling Kit Shipped: YES On: 06-FEB-2023  
 Sampling Kit Packed By: KREUCH\_B  
 Preservatives Needed: NO  
 Date to Receive Samples: 20-FEB-2023  
 Logged In By: KLUG\_K On: 21-FEB-2023

**Send Final Report To:**

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

**Comments:****Bottle Group A (Water) With 5 Samples:**

|                                   |                      |                                                                                                              |
|-----------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 5 | 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-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: 5 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                        | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-250ML-WI-THI       | Number of Bottles: 5 | 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: 5 | 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 Type: P-125ML              | Number of Bottles: 5 | Preserved With: FILTER-ICE                                                                                   |
| W-PO <sub>4</sub> -F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |
| W-SO <sub>4</sub> -IC-F           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate, dissolved, in filtered, aqueous matrices                                       |

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

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-125ML | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                               |
| W-PO <sub>4</sub> -F | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |
| Bottle Type: P-1L    | Number of Bottles: 1 | Preserved With: ICE                                                                      |

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

|                                   |                      |                                                                                                              |
|-----------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| ALKALINITY                        | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                   |
| TURBIDITY                         | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| W-F                               | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)      |
| W-TSS                             | Template: DEFAULT    | (SM 2540 D-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 10200 H (mod.)) 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 Colilert/QT by BEA in Palmetto                                            |
| SW-BEA-ENQ                        | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by BEA in Palmetto                                              |
| Bottle Type: P-500ML              | Number of Bottles: 1 | Preserved With: ICE And 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 C (Water) With 3 Samples:**

|                             |                      |                                                                 |
|-----------------------------|----------------------|-----------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 3 | Preserved With: ICE                                             |
| SW-BEA-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by BEA in Palmetto |

**Bottle 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 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-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 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-250ML-WI-THI       | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| SW-BEA-ENQ                        | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by BEA in Palmetto                                              |
| Bottle Type: P-500ML              | Number of Bottles: 1 | Preserved With: ICE And 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 Type: P-125ML              | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                                                   |
| W-PO <sub>4</sub> -F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |
| W-SO <sub>4</sub> -IC-F           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate, dissolved, in filtered, aqueous matrices                                       |

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

|                   |                      |                                                                                                         |
|-------------------|----------------------|---------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| ALKALINITY        | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg 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-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 Group E (Water) With 1 Samples:**

|                             |                      |                                                                                                                                                |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                   |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| SW-BEA-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:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium                      |                      |                                                                                                                                                |
| Calcium                     |                      |                                                                                                                                                |
| Iron                        |                      |                                                                                                                                                |
| Magnesium                   |                      |                                                                                                                                                |
| Potassium                   |                      |                                                                                                                                                |
| Sodium                      |                      |                                                                                                                                                |
| Strontium                   |                      |                                                                                                                                                |
| Tin                         |                      |                                                                                                                                                |
| Titanium                    |                      |                                                                                                                                                |
| Vanadium                    |                      |                                                                                                                                                |
| Zinc                        |                      |                                                                                                                                                |
| W-ICPMS                     | Template: DEFAULT    | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| Aluminum                    |                      |                                                                                                                                                |
| Antimony                    |                      |                                                                                                                                                |
| Arsenic                     |                      |                                                                                                                                                |
| Barium                      |                      |                                                                                                                                                |
| Beryllium                   |                      |                                                                                                                                                |
| Boron                       |                      |                                                                                                                                                |
| Cadmium                     |                      |                                                                                                                                                |
| Chromium                    |                      |                                                                                                                                                |
| Cobalt                      |                      |                                                                                                                                                |
| Copper                      |                      |                                                                                                                                                |
| Lead                        |                      |                                                                                                                                                |
| Manganese                   |                      |                                                                                                                                                |
| Molybdenum                  |                      |                                                                                                                                                |
| Nickel                      |                      |                                                                                                                                                |
| Selenium                    |                      |                                                                                                                                                |
| Silver                      |                      |                                                                                                                                                |
| Thallium                    |                      |                                                                                                                                                |

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

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-125ML | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                               |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |
| W-SO4-IC-F           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate, dissolved, in filtered, aqueous matrices                   |

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

|                           |                      |                                                                                                                                               |
|---------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: QPCR-P-500ML | Number of Bottles: 1 | Preserved With: ICE                                                                                                                           |
| PCR-BACR                  | Template: DEFAULT    | (SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction |
| PCR-DG3                   | Template: DEFAULT    | (SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction      |
| PCR-HF183                 | Template: DEFAULT    | (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction     |
| Bottle Type: 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                                                       |

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