

# Login Checklist

RQ- 2021-04-12-56

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 5/ 11 /21 @ 10:15

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 2.7                 |                 |                                        |          | 16                                    |               | ✓  |          |    | 9293 3011 6505     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

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

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

Chain of Custody/ Field Sheet(s) Included?

Yes ✓ No \_\_\_\_\_

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

Yes \_\_\_\_\_ No ✓

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA ✓

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: KLK

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No ✓ Init: KLK

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: KLK

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

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

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

Coolers Unpacked/Checked by: KLK

Date: 5/ 11 /21

Event contains NCRs (Y/N)? N

Event ID: SMP - 3208B Deploy  
SE-DIST-2021-05-11-04 (SMP)

—Date Received: 11-MAY-2021 10:15

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                             |
|--------------------------|-----------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #5 EXP:10-28-21 |
| pH Test Strips 0 – 6     | Lot#213116BV Exp:5-15-21    |
| pH Paper 0 – 3           |                             |
| pH Paper 0 – 13          | Lot#210620 EXP:4-15-23      |
| Chlorine Test Strips     | Lot#0261 EXP:5-23           |

### ENCORE SAMPLES

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

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

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

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

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

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

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

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

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 5/10/2021 **Collected By:** Drew Liddick, Jordan Skaggs  
**Customer:** \_\_\_\_\_ **Sampling:** FDEP  
**RQ:** RQ-2021-04-12-56 **Agency:** \_\_\_\_\_  
**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                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| Willoughby Creek                 | <br>G2SE0034      |
| South Fork SLR @ Hosford Park    | <br>G2SE0043      |
| FB                               | <br>FB_05102021 |
| Danforth Creek @ Martin Downs    | <br>G2SE0059    |
| Danforth Creek @ SW Citrus Blvd. | <br>G2SE0058    |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 5/10/2021  
1600EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: KH

Rec'd/Inspected

Date: 5-11-21/1015



| RQ-2021-04-12-56                                                                                                                |                                                                              |                                             |                               |             | Collected By: Drew Liddick, Jordan Skaggs                                               |              |                 |                       |                |
|---------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------------------|-------------------------------|-------------|-----------------------------------------------------------------------------------------|--------------|-----------------|-----------------------|----------------|
| Customer: FDEP                                                                                                                  |                                                                              |                                             |                               |             | Field Report Prepared by: Drew Liddick, Jordan Skaggs                                   |              |                 |                       |                |
| Project ID: SMP                                                                                                                 |                                                                              |                                             |                               |             | Sampling Agency: FDEP                                                                   |              |                 |                       |                |
| WIN ID/Field ID: <br>WIN ID/Field ID: G2SE0034 |                                                                              |                                             |                               |             | Comments:                                                                               |              |                 |                       |                |
| Location: Willoughby Creek                                                                                                      |                                                                              |                                             |                               |             |                                                                                         |              |                 |                       |                |
| Matrix: Marine                                                                                                                  |                                                                              |                                             |                               |             | (Check One) <input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite |              |                 |                       |                |
| Date and Time                                                                                                                   | DO (mg/L)                                                                    | DO (%SAT)                                   | Temp. °C                      | pH          | Sample Depth (m)                                                                        | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm)    | Salinity (PPT) |
| 5/10/2021 1200                                                                                                                  | 5.65                                                                         | 86.7                                        | 27.9                          | 7.78        | 0.3                                                                                     | 0.9          | 0.9             | 50519                 | 33.05          |
| Central Lab please use top row for login purposes                                                                               |                                                                              |                                             |                               |             |                                                                                         |              |                 |                       |                |
|                                                                                                                                 |                                                                              |                                             |                               |             |                                                                                         |              |                 |                       |                |
| 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 #                                                                |                                             |                               |             |                                                                                         |              |                 |                       |                |
| Chlorophyll (BP-1L)                                                                                                             | CHLSUITE-W                                                                   |                                             |                               |             | Ice                                                                                     |              |                 | 1                     | B              |
| Physical/Aggregate (Fresh) (P-1L)                                                                                               | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                                             |                               |             | Ice                                                                                     |              |                 |                       |                |
| Physical/Aggregate (Marine) (P-1L)                                                                                              | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |                                             |                               |             | Ice                                                                                     |              |                 |                       |                |
| Macroinvertebrates (PJ-2L)                                                                                                      | MI-FW-QLDC                                                                   |                                             |                               |             | Ice                                                                                     |              |                 |                       |                |
| Periphyton (PT-50ML)                                                                                                            | ALGAE-ID                                                                     |                                             |                               |             | Ice                                                                                     |              |                 |                       |                |
| Microbiology (Contract Lab Bottle)                                                                                              | E Coli                                                                       | F Coli                                      | X                             | Enterococci | X                                                                                       | Ice          |                 |                       |                |
|                                                                                                                                 | Contract Lab                                                                 |                                             |                               |             |                                                                                         |              |                 |                       |                |
| Molecular (QPCR-P-500ML)                                                                                                        | PCR-HF183                                                                    |                                             | PCR-BacR                      | PCR-DG3     | Ice                                                                                     |              |                 |                       |                |
|                                                                                                                                 | PCR-GULL2                                                                    |                                             | PCR-GFD                       |             |                                                                                         |              |                 |                       |                |
| Tracers (BG-500ML)                                                                                                              | W-E8321-DI                                                                   |                                             | W-E8321-MS                    |             | Ice                                                                                     |              |                 |                       |                |
| Pesticides (BG-500ML) (BG-1L)                                                                                                   | W-E8321-DI                                                                   | W-E8321-MS                                  |                               | W-PSNP-TQ   | Ice                                                                                     |              |                 |                       |                |
|                                                                                                                                 |                                                                              |                                             |                               | W-DIELDIN   |                                                                                         |              |                 |                       |                |
|                                                                                                                                 | W-PCL-SQ-R                                                                   | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |                               | W-CT-CL-R   |                                                                                         |              |                 |                       |                |
| Phytoplankton                                                                                                                   | DTY-QN-C                                                                     |                                             | PKD-QN-BV                     |             | Ice                                                                                     |              |                 |                       |                |



RQ-2021-04-12-56

Customer: FDEP

Project ID: SMP

Collected By: Drew Liddick, Jordan Skaggs

Field Report Prepared by: Drew Liddick, Jordan Skaggs

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G2SE0043

Comments:

Location: South Fork SLR @ Hosford Park

Matrix: Marine

(Check One) ☒ Grab ☐ Composite

| Date and Time                                     | DO (mg/L)                                                                   | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm)    | Salinity (PPT) |   |   |
|---------------------------------------------------|-----------------------------------------------------------------------------|-----------|----------|------|------------------|--------------|-----------------|-----------------------|----------------|---|---|
| 5/10/2021 1245                                    | 5.69                                                                        | 74.4      | 28.9     | 7.81 | 0.3              | 0.6          | 4               | 5224                  | 2.76           |   |   |
| Central Lab please use top row for login purposes |                                                                             |           |          |      |                  |              |                 |                       |                |   |   |
| 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 # Exp:                                                                  |           |          |      |                  |              |                 |                       |                |   |   |
| Metals (P-500ML)                                  | X W-ICPMS X W-ICP X W-HARD                                                  |           |          |      | X                | Ice          | X               | HNO3*                 | X <2           | 1 | A |
|                                                   | Lot # Exp:                                                                  |           |          |      |                  |              |                 |                       |                |   |   |
| Filtered Nutrients (P125ML)                       | X W-PO4-F X Field Filtered 0.45 µm Filter                                   |           |          |      | X                | Ice          |                 |                       |                | 1 | A |
|                                                   | Filter Lot # Syringe Lot #                                                  |           |          |      |                  |              |                 |                       |                |   |   |
| Chlorophyll (BP-1L)                               | X CHLSUITE-W                                                                |           |          |      | X                | Ice          |                 |                       |                | 1 | A |
| Physical/Aggregate (Fresh) (P-1L)                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |           |          |      |                  | Ice          |                 |                       |                |   |   |
| Physical/Aggregate (Marine) (P-1L)                | X Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                            |           |          |      | X                | Ice          |                 |                       |                | 1 | A |
| Macroinvertebrates (PJ-2L)                        | MI-FW-QLDC                                                                  |           |          |      |                  | Ice          |                 |                       |                |   |   |
| Periphyton (PT-50ML)                              | ALGAE-ID                                                                    |           |          |      |                  | Ice          |                 |                       |                |   |   |
| Microbiology (Contract Lab Bottle)                | E Coli Contract Lab F Coli X Enterococci                                    |           |          |      | X                | Ice          |                 |                       |                | 1 | A |
| Molecular (QPCR-P-500ML)                          | X PCR-HF183 X PCR-BacR X PCR-DG3                                            |           |          |      | X                | Ice          |                 |                       |                | 1 | A |
|                                                   | PCR-GULL2 PCR-GFD                                                           |           |          |      |                  |              |                 |                       |                |   |   |
| Tracers (BG-500ML)                                | X W-E8321-DI X W-E8321-MS                                                   |           |          |      | X                | Ice          |                 |                       |                | 1 | A |
| Pesticides (BG-500ML) (BG-1L)                     | W-E8321-DI W-E8321-MS W-PSNP-TQ W-DIELDIN                                   |           |          |      |                  | Ice          |                 |                       |                |   |   |
|                                                   | W-PCL-SQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution) W-CT-CL-R             |           |          |      |                  |              |                 |                       |                |   |   |
| Phytoplankton                                     | DTY-QN-C PKD-QN-BV                                                          |           |          |      |                  | Ice          |                 |                       |                |   |   |

RQ-2021-04-12-56

Collected By: Drew Liddick, Jordan Skaggs



Customer: FDEP

Field Report Prepared by: Drew Liddick, Jordan Skaggs

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: FB\_05102021

Comments:

Location: FB

Matrix: DI Water

(Check One) ☒ Grab ☐ Composite

| Date and Time                                     | DO (mg/L)         | DO (%SAT)                                                                   | Temp. °C | pH                                         | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm)    | Salinity (PPT) |       |   |    |   |   |
|---------------------------------------------------|-------------------|-----------------------------------------------------------------------------|----------|--------------------------------------------|------------------|--------------|-----------------|-----------------------|----------------|-------|---|----|---|---|
| 5/10/2021<br>1250                                 |                   |                                                                             |          |                                            |                  |              |                 |                       |                |       |   |    |   |   |
| Central Lab please use top row for login purposes |                   |                                                                             |          |                                            |                  |              |                 |                       |                |       |   |    |   |   |
|                                                   |                   |                                                                             |          |                                            |                  |              |                 |                       |                |       |   |    |   |   |
| 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 #             |                                                                             |          |                                            | Exp:             |              |                 |                       |                |       |   |    |   |   |
| Metals (P-500ML)                                  | X                 | W-ICPMS                                                                     | X        | W-ICP                                      | X                | W-HARD       | X               | Ice                   | X              | HNO3* | X | <2 | 1 | D |
|                                                   | Lot #             |                                                                             |          |                                            | Exp:             |              |                 |                       |                |       |   |    |   |   |
| Filtered Nutrients (P125ML)                       | X                 | W-PO4-F                                                                     | X        | Field Filtered 0.45 µm Filter              |                  | X            | Ice             |                       |                |       |   |    |   |   |
|                                                   | Filter Lot #      |                                                                             |          |                                            |                  |              |                 |                       |                |       |   |    |   |   |
|                                                   | Syringe Lot #     |                                                                             |          |                                            |                  |              |                 |                       |                |       |   |    |   |   |
| 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)                | X                 | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                              |          |                                            |                  | X            | Ice             |                       |                |       | 1 | D  |   |   |
| Macroinvertebrates (PJ-2L)                        |                   | MI-FW-QLDC                                                                  |          |                                            |                  |              | Ice             |                       |                |       |   |    |   |   |
| 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                                    |                  |              |                 | Ice                   |                |       |   |    |   |   |
| Tracers (BG-500ML)                                |                   | W-E8321-DI                                                                  |          | W-E8321-M5                                 |                  |              |                 | Ice                   |                |       |   |    |   |   |
| Pesticides (BG-500ML) (BG-1L)                     |                   | W-E8321-DI                                                                  |          | W-E8321-MS                                 |                  | W-PSNP-TQ    |                 | Ice                   |                |       |   |    |   |   |
|                                                   |                   | W-PCL-SQ-R                                                                  |          | W-CARB-AA (5 ml of MCAA** Buffer Solution) |                  | W-DIELDRIN   |                 | Ice                   |                |       |   |    |   |   |
|                                                   |                   |                                                                             |          |                                            |                  | W-CT-CL-R    |                 |                       |                |       |   |    |   |   |
| Phytoplankton                                     |                   | DTY-QN-C                                                                    |          | PKD-QN-BV                                  |                  |              |                 | Ice                   |                |       |   |    |   |   |

RQ-2021-04-12-56

Collected By: Drew Liddick, Jordan Skaggs



Customer: FDEP

Field Report Prepared by: Drew Liddick, Jordan Skaggs

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G2SE0059

Comments:

Location: Danforth Creek @ Martin Downs

Matrix: Marine

(Check One) ☒ Grab ☐ Composite

| Date and Time     | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT) |
|-------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|----------------|
| 5/10/2021<br>1350 | 2.32      | 32.4      | 27.8     | 6.98 | 0.3              | 0.4          | 0.5             | 19950              | 11.93          |

Central Lab please use top row for login purposes

Central Lab please use top row for login purposes

| 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 #                                                                |        |                                             |        |            |              |     |        |          |                       |              |  |     |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                   |        |                                             |        |            | Ice          |     |        |          |                       |              |  |     |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |        |                                             |        |            | Ice          |     |        |          |                       |              |  |     |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |        |                                             |        |            | Ice          |     |        |          |                       |              |  |     |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                   |        |                                             |        |            | Ice          |     |        |          |                       |              |  |     |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                     |        |                                             |        |            | Ice          |     |        |          |                       |              |  |     |
| Microbiology (Contract Lab Bottle) | X                                                                            | E Coli |                                             | F Coli |            | Enterococci  | x   |        |          |                       |              |  | Ice |
|                                    | Contract Lab                                                                 |        |                                             |        |            |              |     |        |          |                       |              |  |     |
| Molecular (QPCR-P-500ML)           | PCR-HF183                                                                    |        | PCR-BacR                                    |        | PCR-DG3    |              | Ice |        |          |                       |              |  |     |
|                                    | PCR-GULL2                                                                    |        | PCR-GFD                                     |        |            |              |     |        |          |                       |              |  |     |
| Tracers (BG-500ML)                 | W-E8321-DI                                                                   |        | W-E8321-MS                                  |        |            | Ice          |     |        |          |                       |              |  |     |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI                                                                   |        | W-E8321-MS                                  |        | W-PSNP-TQ  |              | Ice |        |          |                       |              |  |     |
|                                    |                                                                              |        |                                             |        | W-DIELDRIN |              |     |        |          |                       |              |  |     |
|                                    | W-PCL-SQ-R                                                                   |        | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |        | W-CT-CL-R  |              |     |        |          |                       |              |  |     |
| Phytoplankton                      | DTY-QN-C                                                                     |        | PKD-QN-BV                                   |        |            |              | Ice |        |          |                       |              |  |     |

RQ-2021-04-12-56

Collected By: Drew Liddick, Jordan Skaggs



Customer: FDEP

Field Report Prepared by: Drew Liddick, Jordan Skaggs

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID:   
 WIN ID/Field ID: G2SE0058

Comments:

Location: Danforth Creek @ SW Citrus Blvd.

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time                                     | DO (mg/L)                                                                   | DO (%SAT) | Temp. °C                                   | pH          | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm)    | Salinity (PPT) |     |   |
|---------------------------------------------------|-----------------------------------------------------------------------------|-----------|--------------------------------------------|-------------|------------------|--------------|-----------------|-----------------------|----------------|-----|---|
| 5/10/2021<br>1410                                 | 5.71                                                                        | 73.6      | 28.5                                       | 7.49        | 0.1              | 0.2          | 0.2             | 839                   | 0.41           |     |   |
| Central Lab please use top row for login purposes |                                                                             |           |                                            |             |                  |              |                 |                       |                |     |   |
|                                                   |                                                                             |           |                                            |             |                  |              |                 |                       |                |     |   |
| 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 #                                                               |           |                                            |             |                  |              |                 |                       |                |     |   |
| Chlorophyll (BP-1L)                               | CHLSUITE-W                                                                  |           |                                            |             | Ice              |              |                 |                       |                |     |   |
| Physical/Aggregate (Fresh) (P-1L)                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS |           |                                            |             | Ice              |              |                 |                       |                |     |   |
| Physical/Aggregate (Marine) (P-1L)                | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                              |           |                                            |             | Ice              |              |                 |                       |                |     |   |
| Macroinvertebrates (PJ-2L)                        | MI-FW-QLDC                                                                  |           |                                            |             | Ice              |              |                 |                       |                |     |   |
| Periphyton (PT-50ML)                              | ALGAE-ID                                                                    |           |                                            |             | Ice              |              |                 |                       |                |     |   |
| Microbiology (Contract Lab Bottle)                | X                                                                           | E Coli    | F Coli                                     | Enterococci | X                | Ice          |                 |                       |                | 1   | C |
| 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             |                       |                |     |   |
|                                                   |                                                                             |           |                                            |             | W-DIELDRIN       |              |                 |                       |                |     |   |
|                                                   | W-PCL-SQ-R                                                                  |           | W-CARB-AA (5 ml of MCAA** Buffer Solution) |             | W-CT-CL-R        |              |                 |                       |                |     |   |
| Phytoplankton                                     | DTY-QN-C                                                                    |           | PKD-QN-BV                                  |             |                  | Ice          |                 |                       |                |     |   |

Date of Request: 25-MAR-2021  
 Created By: SKAGGS\_J On: 25-MAR-2021  
 Modified By: JASROTIA\_P On: 25-MAR-2021  
 Customer: SE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Southeast District  
 Event Description: SMP - 3208B Deploy

**Send Coolers To:**

Phone: (772) 448-5884  
 FL Dept. of Environmental Protection  
 2199 South Rock Road  
 Fort Pierce, FL 34945  
 Attn: Jordan Skaggs  
 Cooler Ship EMail: jordan.skaggs@FloridaDEP.gov

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 25-MAR-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 25-MAR-2021  
 Sampling Kit Required: YES Ship on: 02-APR-2021  
 Sampling Kit Shipped: YES On: 29-MAR-2021  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: YES  
 Date to Receive Samples: 13-APR-2021  
 Logged In By:

**Send Final Report To:**

FL Dept. of Environmental Protection  
 2199 South Rock Road  
 Fort Pierce, FL 34945  
 Attn: Drew Liddick  
 Report Notification EMail:  
 drew.liddick@FloridaDEP.gov;jordan.skaggs@floridadep.gov;and  
 rew.luering@floridadep.gov

Comments: Lab Comments:  
 1 - box nitric acid  
 1 - box sulfuric acid  
  
 Group A - 3m nut, metal, ent, PCR, tracers  
 3210C - G2SE0043  
  
 Group B - ent, DEPLOY  
 3208B - G2SE0034  
  
 Group C - Ecoli  
 3215 - G2SE0058  
 3215 - G2SE0059  
  
 Group D - 3m nut, metal, tracers  
 Field Blank

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

|                             |                      |                                                                                                                                               |
|-----------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                                                           |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                                                    |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                            |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                        |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                               |
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                                                           |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                  |
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                                                           |
| ENT-24-QT                   | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems                                                  |
| 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      |

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

|                           |                      |                                                                                                                                                |
|---------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: QPCR-P-500ML | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| 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: DEFAULT    | (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-ICP                     | Template:            | (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  
Manganese  
Zinc

|         |           |                                                                                                                             |
|---------|-----------|-----------------------------------------------------------------------------------------------------------------------------|
| W-ICPMS | Template: | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects |
|---------|-----------|-----------------------------------------------------------------------------------------------------------------------------|

Aluminum  
Antimony  
Arsenic  
Beryllium  
Cadmium  
Chromium  
Copper  
Lead  
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 |

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

|                             |                      |                                                                                              |
|-----------------------------|----------------------|----------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                          |
| ENT-24-QT                   | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems |

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

|                             |                      |                                                                                                          |
|-----------------------------|----------------------|----------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 2 | Preserved With: ICE                                                                                      |
| ECOLI-18QT                  | Template: DEFAULT    | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems |

**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-F                   | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                         |
| W-TSS                 | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                |
| Bottle Type: 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: DEFAULT    | (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-ICP                 | Template:            | (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  
Manganese

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

|                      |                   |                                                                                                                                                |                               |
|----------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Bottle Type: P-500ML |                   | Number of Bottles: 1                                                                                                                           | Preserved With: HNO3          |
| 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 |                               |
| Zinc                 |                   |                                                                                                                                                |                               |
| W-ICPMS              | Template:         | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |                               |
| Aluminum             |                   |                                                                                                                                                |                               |
| Antimony             |                   |                                                                                                                                                |                               |
| Arsenic              |                   |                                                                                                                                                |                               |
| Beryllium            |                   |                                                                                                                                                |                               |
| Cadmium              |                   |                                                                                                                                                |                               |
| Chromium             |                   |                                                                                                                                                |                               |
| Copper               |                   |                                                                                                                                                |                               |
| Lead                 |                   |                                                                                                                                                |                               |
| 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                                                       |                               |

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