

# Login Checklist

RQ- 2021-03-15-37

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 3/ 17 /21 @ 9:40

| *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 |                    |
| 0.3                 |                 |                                        |          | 9                                     |               | ✓  |          |    | 9293 8010 8389     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

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

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

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No \_\_\_\_\_

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

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

## 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: 1/1/1

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No ☒ Init: 1/1/1

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: 1/1/1

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒ Init: 1/1/1

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

Coolers Unpacked/Checked by: 1/1/1

Date: 3/ 17 /21

Event contains NCRs (Y/N)? N

Event ID: SMP - Palm Beach + Sugar 1  
SE-DIST-2021-03-17-01 (SMP)

Date Received: 17-MAR-2021 09:40

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                        |
|--------------------------|------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #5         |
| pH Test Strips 0 – 6     |                        |
| 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:** 3/16/2021      **Collected By:** Andrew Luering, Sabrina Fischer  
**Customer:** WQAP      **Sampling Agency:** FDEP  
**RQ:** RQ-2021-03-15-37      **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**

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

| Site Location                      | Field ID/WIN ID                                                                                  |
|------------------------------------|--------------------------------------------------------------------------------------------------|
| Hillsboro Canal SE of Sixmile Bend | <br>G5SE0105   |
| Pine Lake Center                   | <br>G3SE0045   |
| C-51 East near Belvedere           | <br>G3SE0053 |
| Boynton Beach Canal @ Congress     | <br>G3SE0054 |
| Tidal Creek to Lox                 | <br>G2SE0027 |
| Pine Lake                          | <br>G3SE0003 |

RELINQUISHED BY(SIGNATURE): *Andrew Luering*

DATE/TIME: 03/16/2021 1700

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: *ML*

Rec'd/Inspected Date: 3.17.21/0940



|                                                                                                                                               |                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| RQ-2021-03-15-37                                                                                                                              | <b>Collected By:</b> Andrew Luering, Sabrina Fischer             |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Andrew Luering, Sabrina Fischer |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                     |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G5SE0105 | <b>Comments:</b>                                                 |

**Location:** Hillsboro Canal SE of Sixmile Bend

**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 (PPTH) |
|---------------------------------------------------|-----------------------------------------------------------------------------|-----------|---------------------------------------------|-------------|------------------|--------------|-----------------|-----------------------|-----------------|
| 3/16/2021 1030                                    | 6.81                                                                        | 79        | 22.7                                        | 7.64        | 0.3              | 0.3          | 2.23            | 388.4                 | 0.19            |
| 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                                       |             | 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              |              | 1               | C                     |                 |
| Physical/Aggregate (Fresh) (P-1L)                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |           |                                             |             | Ice              |              |                 |                       |                 |
| Physical/Aggregate (Marine) (P-1L)                | 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-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-2021-03-15-37       | <b>Collected By:</b> Andrew Luering, Sabrina Fischer             |
| <b>Customer:</b> FDEP  | <b>Field Report Prepared by:</b> Andrew Luering, Sabrina Fischer |
| <b>Project ID:</b> SMP | <b>Sampling Agency:</b> FDEP                                     |

**WIN ID/Field ID:**   
**WIN ID/Field ID:** G3SE0045

**Comments:**

**Location:** Pine Lake Center

**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) |
|-------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|----------------|
| 3/16/2021<br>1150 | 9.01      | 108.1     | 24.5     | 8.12 | 0.3              | 0.3          | 0.46            | 419                | 0.2            |

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            |
|                                    | 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 / W-DIELDRIN                            |        |        |             |              | 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-2021-03-15-37

**Collected By:** Andrew Luering, Sabrina Fischer



Customer: FDEP

Field Report Prepared by: Andrew Luering,  
Sabrina Fischer

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:   
WIN ID/Field ID: G3SE0053

Comments:

Location: C-51 East near Belvedere

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) |
|---------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------|-------------------------------|-------------|------------------|--------------|-----------------|-----------------------|----------------|
| 3/16/2021<br>1245                                 | 4.29                                                                        | 51.3                                       | 24.3                          | 7.4         | 0.3              | 1.1          | 1.56            | 431                   | 0.21           |
| 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              |              |                 | 1                     | C              |
| Physical/Aggregate (Fresh) (P-1L)                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |                                            |                               |             | Ice              |              |                 |                       |                |
| Physical/Aggregate (Marine) (P-1L)                | 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-DIELDRLIN |                  |              |                 |                       |                |
|                                                   | 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-2021-03-15-37

Collected By: Andrew Luering, Sabrina Fischer



Customer: FDEP

Field Report Prepared by: Andrew Luering,  
Sabrina Fischer

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3SE0054

Comments:

Location: Boynton Beach Canal @ Congress

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)        |              |   |   |
|---------------------------------------------------|-----------|------------------------------------------------------------------------------|---------------------------------------------|-------------------------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|---|---|
| 3/16/2021<br>1325                                 | 8.59      | 103.9                                                                        | 25.3                                        | 7.98                          | 0.3              | 1            | 1.2             | 511                 | 0.25                  |              |   |   |
| 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          | 1 | B |
| Molecular (QPCR-P-500ML)                          |           | Contract Lab                                                                 |                                             |                               |                  | Ice          |                 |                     |                       |              |   |   |
|                                                   |           | PCR-HF183                                                                    |                                             | PCR-BacR                      | PCR-DG3          |              |                 |                     |                       |              |   |   |
|                                                   |           | PCR-GULL2                                                                    |                                             | PCR-GFD                       |                  |              |                 | 1                   | B                     |              |   |   |
| Tracers (BG-500ML)                                |           | X                                                                            | W-E8321-DI                                  | X                             | W-E8321-MS       | x            | 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-2021-03-15-37

Collected By: Andrew Luering, Sabrina Fischer



Customer: FDEP

Field Report Prepared by: Andrew Luering,  
Sabrina Fischer

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:   
WIN ID/Field ID: G2SE0027

Comments:

Location: Tidal Creek to Lox

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) |
|-------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|----------------|
| 3/16/2021<br>1500 | 4.07      | 57.8      | 24.4     | 7.36 | 0.3              | 0.68         | 0.68            | 41125              | 26.32          |

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) | E Coli                                                                       |                   | F Coli                                      |   | X          | Enterococci  |     | X       |          | Ice | 1                     | A            |   |
|                                    | Contract Lab                                                                 |                   |                                             |   |            |              |     |         |          |     |                       |              |   |
| 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  |              | 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-2021-03-15-37

Collected By: Andrew Luering, Sabrina Fischer



Customer: FDEP

Field Report Prepared by: Andrew Luering,  
Sabrina Fischer

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3SE0003

Comments:

Location: Pine Lake

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 (PPTH) |   |   |
|---------------------------------------------------|------------------------------------------------------------------------------|-------------------|----------|---------------------------------------------|------------------|--------------|-----------------|-----------------------|-----------------|---|---|
| 3/16/2021<br>1215                                 | 7.57                                                                         | 91                | 24.5     | 7.79                                        | 0.3              | 1            | 1               | 425                   | 0.2             |   |   |
| 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 |
|                                                   | Contract Lab                                                                 |                   |          |                                             |                  |              |                 |                       |                 |   |   |
| Molecular (QPCR-P-500ML)                          | PCR-HF183                                                                    |                   |          | PCR-BacR                                    | PCR-DG3          | Ice          |                 |                       |                 |   |   |
|                                                   | PCR-GULL2                                                                    |                   |          | PCR-GFD                                     |                  |              |                 |                       |                 |   |   |
| Tracers (BG-500ML)                                | W-E8321-DI                                                                   |                   |          | W-E8321-MS                                  |                  | Ice          |                 |                       |                 |   |   |
| Pesticides (BG-500ML) (BG-1L)                     | W-E8321-DI                                                                   |                   |          | W-E8321-MS                                  |                  | Ice          |                 |                       |                 |   |   |
|                                                   | W-PCL-SQ-R                                                                   |                   |          | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |                  |              |                 |                       |                 |   |   |
|                                                   |                                                                              |                   |          | W-DIELDRIN                                  |                  |              |                 |                       |                 |   |   |
|                                                   |                                                                              |                   |          | W-CT-CL-R                                   |                  |              |                 |                       |                 |   |   |
| Phytoplankton                                     | DTY-QN-C                                                                     |                   |          | PKD-QN-BV                                   |                  | Ice          |                 |                       |                 |   |   |

Date of Request: 24-FEB-2021  
 Created By: SKAGGS\_J On: 24-FEB-2021  
 Modified By: JASROTIA\_P On: 26-FEB-2021  
 Customer: SE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Southeast District  
 Event Description: SMP - Palm Beach + Sugar 1

**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-FEB-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 26-FEB-2021  
 Sampling Kit Required: YES Ship on: 05-MAR-2021  
 Sampling Kit Shipped: YES On: 03-MAR-2021  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: NO  
 Date to Receive Samples: 17-MAR-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: \*Please send 3 coolers

**Sampler Comments:**

Group A - 3232A - G2SE0027 (2x this year)  
 Group B - 3256B - G3SE0054  
 Group C

3245C4 - G3SE0045

3254 - G5SE0105

3254 - G5SE0003

3245F - G3SE0053

**Bottle Group A (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 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:            | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                       |

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

|                             |                      |                                                                                                          |
|-----------------------------|----------------------|----------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                      |
| ECOLI-18QT                  | Template: DEFAULT    | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems |
| Bottle Type: BG-500ML       | Number of Bottles: 1 | Preserved With: ICE                                                                                      |

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

|                       |                      |                                                                                         |
|-----------------------|----------------------|-----------------------------------------------------------------------------------------|
| 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:            | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |

**Bottle Group C (Water) With 4 Samples:**

|                             |                      |                                                                                                          |
|-----------------------------|----------------------|----------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 4 | Preserved With: ICE                                                                                      |
| ECOLI-18QT                  | Template: DEFAULT    | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems |

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