

RQ-2021-04-12-53

## Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 4/23/2021 10:13

| *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 |                    |
| 3.1                 |                 |                                        |          | 15                                    |               | ✓  |          |    | 92938011 2565      |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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 °C (above 10.0 °C 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: IM

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☒ Init: IM

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

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

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

Yes ☒ No ☐ NA ☐ Init: IM

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

Yes ☐ No ☒ NA ☐ Init: IM

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

Coolers Unpacked/Checked by: IM

Date: 4/23/2021

Event contains NCRs (Y/N)? ☒

Event ID:

SMP - Okeechobee Monthly 04/21  
SE-DIST-2021-04-23-02 (SMP)

Page 1 of 2, 0

Date Received: 23-APR-2021 10:13

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

|                          |                             |
|--------------------------|-----------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #2 exp:10/28/21 |
| pH Test Strips 0 – 6     |                             |
| pH Paper 0 – 3           |                             |
| pH Paper 0 – 13          | 231019 exp: 11/1/22         |
| Chlorine Test Strips     | 0129 exp: 03/2023           |

### Additional Comments:

Bottle Group G  
only

### 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:** 4/22/2021  
**Collected By:** Andrew Luering, Sabrina Fischer  
**Customer:** WQAP  
**Sampling Agency:** FDEP  
**RQ:** RQ-2021-04-12-53  
**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                                                                                  |
|----------------------------|--------------------------------------------------------------------------------------------------|
| Lemkin Creek @ 78          | <br>G1SE0026   |
| Taylor Creek @ 39th St.    | <br>G1SE0024   |
| Henry Creek @ 710          | <br>G1SE0002 |
| Henry Creek @ SE 128th Ave | <br>G1SE0030 |
| Lettuce Creek @ 710        | <br>G1SE0015 |

RELINQUISHED BY(SIGNATURE):

*Andrew Luering*

DATE/TIME:

4/22/2021 1700

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:

*IM*

Rec'd/Inspected

Date:

4/23/21



| RQ-2021-04-12-53                                                                                                                                                                          |                   |                                                                           |                                            |                               | 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: <br>WIN ID/Field ID: G1SE0024<br><br>Location: Taylor Creek @ 39th St.<br>Matrix: Fresh |                   |                                                                           |                                            |                               | Comments:<br><br>(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) |    |   |   |
| 4/22/2021 1200                                                                                                                                                                            | 2.8               | 32.9                                                                      | 25                                         | 7.28                          | 0.3                                                                                                      | 0.1          | 0.48            | 783                   | 0.38           |    |   |   |
| 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)                                                                                                                                                                          |                   | W-ICPMS                                                                   |                                            | W-ICP                         | W-HARD                                                                                                   |              | Ice             | HNO3*                 |                | <2 |   |   |
|                                                                                                                                                                                           |                   | Lot #                                                                     |                                            | Exp:                          |                                                                                                          |              |                 |                       |                |    |   |   |
| Filtered Nutrients (P125ML)                                                                                                                                                               | X                 | W-PO4-F                                                                   |                                            | 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)                                                                                                                                                         | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS |                                            |                               |                                                                                                          | X            | Ice             |                       |                |    | 1 | A |
| Physical/Aggregate (Marine) (P-1L)                                                                                                                                                        |                   | Alkalinity / W-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 | A |
|                                                                                                                                                                                           |                   | Contract Lab                                                              |                                            |                               |                                                                                                          |              |                 |                       |                |    |   |   |
| Molecular (QPCR-P-500ML)                                                                                                                                                                  |                   | PCR-HF183                                                                 |                                            | PCR-BacR                      | PCR-DG3                                                                                                  |              | Ice             |                       |                |    |   |   |
|                                                                                                                                                                                           |                   | PCR-GULL2                                                                 |                                            | PCR-GFD                       |                                                                                                          |              |                 |                       |                |    |   |   |
| Tracers (BG-500ML)                                                                                                                                                                        | X                 | W-E8321-DI                                                                |                                            | X                             | W-E8321-MS                                                                                               | X            | Ice             |                       |                |    | 1 | A |
| Pesticides (BG-500ML) (BG-1L)                                                                                                                                                             |                   | W-E8321-DI                                                                | W-E8321-MS                                 |                               | W-PSNP-TQ                                                                                                |              | Ice             |                       |                |    |   |   |
|                                                                                                                                                                                           |                   | W-PCL-SQ-R                                                                | W-CAR8-AA (5 ml of MCAA** Buffer Solution) |                               | W-DIELDRIN                                                                                               |              |                 |                       |                |    |   |   |
|                                                                                                                                                                                           |                   |                                                                           | W-CT-CL-R                                  |                               |                                                                                                          |              |                 |                       |                |    |   |   |
| Phytoplankton                                                                                                                                                                             | X                 | DTY-QN-C                                                                  |                                            | X                             | PKD-QN-BV                                                                                                |              | Ice             |                       |                |    | 1 | G |

RQ-2021-04-12-53

Collected By: Andrew Luering, Sabrina Fischer

Added to reflect  
received samples  
IN 4/23/21



Customer: FDEP

Field Report Prepared by: Andrew Luering,  
Sabrina Fischer

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G1SE0002

Comments:

Location: Henry Creek @ 710

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) |    |   |   |
|---------------------------------------------------|-------------------|-----------------------------------------------------------------------------|----------|--------------------------------------------|------------------|--------------|-----------------|-----------------------|----------------|----|---|---|
| 4/22/2021<br>1240                                 | 1.03              | 12.3                                                                        | 22.9     | 6.55                                       | 0.3              | 0.6          | 1.44            | 1691                  | 0.85           |    |   |   |
| 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 | E |
|                                                   |                   | Lot #                                                                       |          | Exp:                                       |                  |              |                 |                       |                |    |   |   |
| Metals (P-500ML)                                  |                   | W-ICPMS                                                                     |          | W-ICP                                      | W-HARD           | Ice          | HNO3*           |                       | <2             |    |   |   |
|                                                   |                   | Lot #                                                                       |          | Exp:                                       |                  |              |                 |                       |                |    |   |   |
| Filtered Nutrients (P125ML)                       | X                 | W-PO4-F                                                                     |          | Field Filtered 0.45 µm Filter              |                  | X            | Ice             |                       |                |    | 1 | E |
|                                                   |                   | Filter Lot #                                                                |          |                                            |                  |              |                 |                       |                |    |   |   |
|                                                   |                   | Syringe Lot #                                                               |          |                                            |                  |              |                 |                       |                |    |   |   |
| Chlorophyll (BP-1L)                               | X                 | CHLSUITE-W                                                                  |          |                                            | X                | Ice          |                 |                       |                |    | 1 | E |
| Physical/Aggregate (Fresh) (P-1L)                 | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |          |                                            | X                | Ice          |                 |                       |                |    | 1 | E |
| 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 | E |
|                                                   |                   | 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-CT-CL-R                                  |                  |              |                 |                       |                |    |   |   |
| Phytoplankton                                     |                   | DTY-QN-C                                                                    |          | PKD-QN-BV                                  |                  |              | Ice             |                       |                |    |   |   |

RQ-2021-04-12-53

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: G1SE0030

Comments:

Location: Henry Creek @ SE 128th Ave

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) |
|---------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------|-------------------------------|-------------|------------------|--------------|-----------------|-----------------------|----------------|
| 4/22/2021<br>1300                                 | 2.48                                                                        | 29.6                                       | 23.5                          | 6.39        | 0.3              | 0.1          | 1               | 2346                  | 1.2            |
| 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                     | D              |
|                                                   | 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-PCL-SQ-R                                                                  | W-CARB-AA (5 ml of MCAA** Buffer Solution) |                               | W-DIELDRIIN |                  |              |                 |                       |                |
| Phytoplankton                                     | DTY-QN-C                                                                    |                                            | PKD-QN-BV                     |             | Ice              |              |                 |                       |                |
|                                                   |                                                                             |                                            |                               |             |                  |              |                 |                       |                |

RQ-2021-04-12-53

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: G1SE0015

Comments:

Location: Lettuce Creek @ 710

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) |       |
|---------------------------------------------------|-----------------------------------------------------------------------------|-----------|--------------------------------------------|--------|------------------|--------------|-----------------|-----------------------|----------------|-------|
| 4/22/2021<br>1315                                 | 4.58                                                                        | 53.4      | 22.2                                       | 6.92   | 0.3              | 0.6          | 0.79            | 302                   | 0.14           |       |
| 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)                                  | X                                                                           | W-ICPMS   | X                                          | W-ICP  | X                | W-HARD       | X               | Ice                   | X              | HNO3* |
|                                                   | 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                   |                |       |
|                                                   | 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                   |                |       |

Date of Request: 24-MAR-2021  
 Created By: SKAGGS\_J On: 24-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 - Okeechobee Monthly 04/21

**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: 31-MAR-2021  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 15-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: \*Receiving - please log algae samples (Group G) in under separate Event, Priority 12

\*Please send 3 coolers for return

**Sampler Comments:****Core WBIDs:**

Group A - 3205A1 - G1SE0024 (3F nut, ecoli, tracer)  
 Group B/G-3205C1 - G1SE0026 (3F nut, ecoli, phyto)  
 Group C - 3213A - G1SE0015 (3F ecoli, metals)

**Additions:**

Group D - 3213B - G1SE0030 (3F ecoli)  
 Group E - 3213B - G1SE0002 (3F nut, ecoli)  
 Group F - 3213B - G1SE0022 (3F nut)

Total: 4 nutrients, 5 ecoli, 1 metals, 1 tracers, 1 phyto

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

|                                    |                             |                                                                                                              |
|------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------------------------|
| <b>Bottle Type: P-1L</b>           | <b>Number of Bottles: 1</b> | <b>Preserved With: ICE</b>                                                                                   |
| ALKALINITY                         | Template: DEFAULT           | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                                |
| TURBIDITY                          | Template: DEFAULT           | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| W-CL-IC                            | Template: DEFAULT           | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                            |
| W-COLOR                            | Template: DEFAULT           | (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                              |
| Color (true)                       |                             |                                                                                                              |
| W-F                                | Template: DEFAULT           | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)       |
| W-SO4-IC                           | Template: DEFAULT           | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |
| W-TDS                              | Template: DEFAULT           | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                                  |
| W-TSS                              | Template: DEFAULT           | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |
| <b>Bottle Type: BP-1L</b>          | <b>Number of Bottles: 1</b> | <b>Preserved With: ICE</b>                                                                                   |
| CHLSUITE-W                         | Template: DEFAULT           | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| <b>Bottle Type: P-250ML-WO-THI</b> | <b>Number of Bottles: 1</b> | <b>Preserved With: ICE</b>                                                                                   |



**Bottle Group A (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                                                                                      |
| 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: 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-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 Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                                |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| W-CL-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                            |
| W-COLOR                     | Template: DEFAULT    | (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                              |
| Color (true)                |                      |                                                                                                              |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)       |
| W-SO4-IC                    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |
| W-TDS                       | Template: DEFAULT    | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                                  |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-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 Group C (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: P-500ML        | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-HARD                      | Template: DEFAULT    | (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                                                                |
| Hardness                    |                      |                                                                                                                                                |
| W-ICP                       | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium                      |                      |                                                                                                                                                |
| Calcium                     |                      |                                                                                                                                                |
| Iron                        |                      |                                                                                                                                                |
| Magnesium                   |                      |                                                                                                                                                |
| Manganese                   |                      |                                                                                                                                                |
| Potassium                   |                      |                                                                                                                                                |
| Sodium                      |                      |                                                                                                                                                |
| 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                    |
| *Boron                      |                      |                                                                                                                                                |

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

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO3  
 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 Group D (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 Group E (Water) With 1 Samples:**

Bottle Type: P-1L Number of Bottles: 1 Preserved With: ICE  
 ALKALINITY Template: DEFAULT (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L  
 TURBIDITY Template: DEFAULT (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices  
 W-CL-IC Template: DEFAULT (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices  
 W-COLOR Template: DEFAULT (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)  
 Color (true)  
 W-F Template: DEFAULT (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)  
 W-SO4-IC Template: DEFAULT (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices  
 W-TDS Template: DEFAULT (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices  
 W-TSS Template: DEFAULT (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

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

Bottle Type: P-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: 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 F (Water) With 1 Samples:**

Bottle Type: P-1L Number of Bottles: 1 Preserved With: ICE  
 ALKALINITY Template: DEFAULT (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L  
 TURBIDITY Template: DEFAULT (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices  
 W-CL-IC Template: DEFAULT (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices  
 W-COLOR Template: DEFAULT (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)  
 Color (true)  
 W-F Template: DEFAULT (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)  
 W-SO4-IC Template: DEFAULT (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices  
 W-TDS Template: DEFAULT (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices  
 W-TSS Template: DEFAULT (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Bottle Type: BP-1L Number of Bottles: 1 Preserved With: ICE

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

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

|                    |                      |                                                                                               |
|--------------------|----------------------|-----------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L | Number of Bottles: 1 | Preserved With: Lugols                                                                        |
| DTY-QN-C           | Template: DEFAULT    | (SOP-AB05_1) No. of diatom taxa of quantitative phytoplankton sample.                         |
| PKD-QN-BV          | Template: DEFAULT    | (SOP-AB05) No. of wet taxa of quantitative phytoplankton sample w/speciation and cell counts. |

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