

# Login Checklist

RQ- 2021-05-03-66

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

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

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Present?      |    | *Intact? |    |                    |
|                     |                 |                                        |          |                                       | Yes           | No | Yes      | No |                    |
| 2.6                 |                 |                                        |          | 12                                    |               | ✓  |          |    | 9293 8012 7134     |
| 2.0                 |                 |                                        |          | 12                                    |               | ✓  |          |    | 9293 8012 7145     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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: KK

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No \_\_\_\_\_ Init: \_\_\_\_\_

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

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

\*\*Acid Preserved Samples: pH < 2.0?

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

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

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

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

Coolers Unpacked/Checked by: KK

Date: 5/ 11 /21

Event contains NCRs (Y/N)? N

Event ID: SMP - Okeechobee Monthly 05/21

SE-DIST-2021-05-11-03 (SMP)

Date Received: 11-MAY-2021 10:15

# Login Checklist

## Login Preservation Equipment

## Lot # & Exp: Date

## Additional Comments:

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

## ENCORE SAMPLES

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

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

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

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

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

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

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

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

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 5/10/2021 **Collected By:** Sabrina Fischer, Andrew Luering  
**Customer:** \_\_\_\_\_ **Sampling Agency:** FDEP  
**RQ:** RQ-2021-05-03-66 **Project ID:** SMP

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

**Number of Coolers Shipped:** 2

**Delivery Method:** FedEx

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

| Site Location              | Field ID/WIN ID                                                                                  |
|----------------------------|--------------------------------------------------------------------------------------------------|
| Taylor Creek @ 39th St.    | <br>G1SE0024   |
| L-63 canal @ SE 86th Blvd. | <br>G1SE0022   |
| Henry Creek @ 710          | <br>G1SE0002 |
| Lemkin Creek @ 78          | <br>G1SE0026 |
| Lettuce Creek @ 710        | <br>G1SE0015 |
| Henry Creek @ SE 128th Ave | <br>G1SE0030 |

RELINQUISHED BY (SIGNATURE):

DATE/TIME: 5/10/2021 1700



**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: HK

Rec'd/Inspected  
Date: 5.11.21 / 1015



|                                                                                                                                                                                           |               |                                                                             |                                           |          |                                                                                                              |              |                 |                       |                |    |   |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------------------------------------------------------------------------|-------------------------------------------|----------|--------------------------------------------------------------------------------------------------------------|--------------|-----------------|-----------------------|----------------|----|---|---|
| RQ-2021-05-03-66                                                                                                                                                                          |               |                                                                             |                                           |          | 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><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) |    |   |   |
| 5/10/2021 1010                                                                                                                                                                            | 2.76          | 36.7                                                                        | 27.2                                      | 7.12     | 0.3                                                                                                          | 0.3          | 0.7             | 793                   | 0.39           |    |   |   |
| 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                                                                     |                                           | X        | Field Filtered 0.45 µm Filter                                                                                |              | X               | Ice                   |                |    | 1 | A |
|                                                                                                                                                                                           | Filter Lot #  |                                                                             |                                           |          |                                                                                                              |              |                 |                       |                |    |   |   |
|                                                                                                                                                                                           | Syringe Lot # |                                                                             |                                           |          |                                                                                                              |              |                 |                       |                |    |   |   |
| Chlorophyll (BP-1L)                                                                                                                                                                       | X             | CHLSUITE-W                                                                  |                                           |          | X                                                                                                            | Ice          |                 |                       |                |    | 1 | A |
| Physical/Aggregate (Fresh) (P-1L)                                                                                                                                                         | X             | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS |                                           |          | X                                                                                                            | Ice          |                 |                       |                |    | 1 | A |
| Physical/Aggregate (Marine) (P-1L)                                                                                                                                                        |               | Alkalinity / W-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-CARB-AA (5 ml of MCAA™ Buffer Solution) |          |                                                                                                              | W-DIELDRIN   |                 | Ice                   |                |    |   |   |
| Phytoplankton                                                                                                                                                                             |               | DTY-QN-C                                                                    |                                           |          | PKD-QN-BV                                                                                                    |              |                 | Ice                   |                |    |   |   |



|                                                                                                                                 |                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| RQ-2021-05-03-66                                                                                                                | 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: G1SE0022 | Comments:                                                                               |
| Location: L-63 canal @ SE 86th Blvd.                                                                                            |                                                                                         |
| Matrix: Fresh                                                                                                                   | (Check One) <input checked="" type="checkbox"/> Grab <input type="checkbox"/> Composite |

| Date and Time  | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT) |
|----------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|----------------|
| 5/10/2021 1045 | 9.81      | 127.1     | 29       | 7.94 | 0.3              | 0.4          | 1.74            | 616                | 0.3            |

Central Lab please use top row for login purposes

Contract 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 | F |
|                                    |                   | Lot #                                                                        |  |                                             | Exp:                          |              |   |     |          |                       |              |    |   |   |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                      |  | W-ICP                                       |                               | W-HARD       |   | Ice |          | HNO3*                 |              | <2 |   |   |
|                                    |                   | Lot #                                                                        |  |                                             | Exp:                          |              |   |     |          |                       |              |    |   |   |
| Filtered Nutrients (P125ML)        | X                 | W-PO4-F                                                                      |  | X                                           | Field Filtered 0.45 um Filter |              |   | X   | Ice      |                       |              |    | 1 | F |
|                                    |                   | Filter Lot #                                                                 |  |                                             |                               |              |   |     |          |                       |              |    |   |   |
|                                    |                   | Syringe Lot #                                                                |  |                                             |                               |              |   |     |          |                       |              |    |   |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                   |  |                                             |                               |              | X | Ice |          |                       |              | 1  | F |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |  |                                             |                               |              | X | 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                                      |                               | Enterococci  |   |     | Ice      |                       |              |    |   |   |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                    |  | PCR-BacR                                    |                               | PCR-DG3      |   |     | Ice      |                       |              |    |   |   |
|                                    |                   | PCR-GULL2                                                                    |  | PCR-GFD                                     |                               |              |   |     |          |                       |              |    |   |   |
| Tracers (BG-500ML)                 |                   | W-E8321-DI                                                                   |  | W-E8321-MS                                  |                               |              |   | Ice |          |                       |              |    |   |   |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-E8321-DI                                                                   |  | W-E8321-MS                                  |                               | W-PSNP-TQ    |   |     | Ice      |                       |              |    |   |   |
|                                    |                   |                                                                              |  |                                             |                               | W-DIELDRIN   |   |     |          |                       |              |    |   |   |
|                                    |                   | W-PCL-SQ-R                                                                   |  | W-CAR8-AA ( 5 ml of MCAA** Buffer Solution) |                               | W-CT-CL-R    |   |     |          |                       |              |    |   |   |
| Phytoplankton                      |                   | DTY-QN-C                                                                     |  |                                             | PKD-QN-BV                     |              |   | Ice |          |                       |              |    |   |   |

RQ-2021-05-03-66

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: 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)        |              |
|---------------------------------------------------|------------|-------------------------------------------------------------------------------|----------|------|------------------|----------------|-----------------|--------------------|-----------------------|--------------|
| 5/10/2021<br>1105                                 | 1.015<br>3 | 12.4                                                                          | 23.7     | 6.49 | 0.3              | 0.5            | 1.27            | 1745               | 0.88                  |              |
| 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 X 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 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-2021-05-03-66

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: G1SE0026

Comments:

Location: Lemkin Creek @ 78

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time                                     | DO (mg/L) | DO (%SAT)                                                                     | Temp. °C | pH                                         | Sample Depth (m) | Secchi Depth   | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT)        |              |
|---------------------------------------------------|-----------|-------------------------------------------------------------------------------|----------|--------------------------------------------|------------------|----------------|-----------------|---------------------|-----------------------|--------------|
| 5/10/2021<br>930                                  | 4.34      | 55.4                                                                          | 27.6     | 7.16                                       | 0.3              | 0.5            | 1.06            | 1160                | 0.57                  |              |
| 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                     | B            |
|                                                   |           | Lot #                                                                         |          | Exp:                                       |                  |                |                 |                     |                       |              |
| Metals (P-500ML)                                  |           | W-ICPMS                                                                       |          | W-ICP                                      |                  | W-HARD         |                 | X Ice               | HNO3*                 |              |
|                                                   |           | Lot #                                                                         |          | Exp:                                       |                  |                |                 |                     | <2                    |              |
| Filtered Nutrients (P125ML)                       |           | X W-PO4-F                                                                     |          | X Field Filtered 0.45 µm Filter            |                  | X Ice          |                 |                     |                       |              |
|                                                   |           | Filter Lot #                                                                  |          |                                            |                  |                |                 |                     |                       |              |
|                                                   |           | Syringe Lot #                                                                 |          |                                            |                  |                |                 |                     |                       |              |
| Chlorophyll (BP-1L)                               |           | X CHLSUITE-W                                                                  |          |                                            |                  | X Ice          |                 |                     | 1                     | B            |
| 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                     | B            |
| 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            |
|                                                   |           | Contract Lab                                                                  |          |                                            |                  |                |                 |                     |                       |              |
| Molecular (QPCR-P-500ML)                          |           | PCR-HF183                                                                     |          | PCR-BacR                                   |                  | PCR-DG3        |                 | X Ice               |                       |              |
|                                                   |           | PCR-GULL2                                                                     |          | PCR-GFD                                    |                  |                |                 |                     |                       |              |
| Tracers (BG-500ML)                                |           | W-E8321-DI                                                                    |          | W-E8321-MS                                 |                  |                |                 | X Ice               |                       |              |
| Pesticides (BG-500ML) (BG-1L)                     |           | W-E8321-DI                                                                    |          | W-E8321-MS                                 |                  | W-PSNP-TQ      |                 | X 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                                |                  |                |                 | X Ice               |                       |              |

RQ-2021-05-03-66

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 (PPTH) |
|-------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|-----------------|
| 5/10/2021<br>1130 | 1.84      | 22.6      | 24.9     | 6.91 | 0.3              | 0.1          | 0.38            | 492                | 0.24            |

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| 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* |          | X | <2                    | 1            | C |  |
|                                    | 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-CI-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  |             |  |   | Ice          |        |       |          |   |                       |              |   |  |
|                                    | W-PCL-SQ-R                                                                  |         | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |           |                               |      | W-DIELDRIN |             |  |   |              |        |       |          |   |                       |              |   |  |
| Phytoplankton                      | DTY-QN-C                                                                    |         |                                             | PKD-QN-BV |                               |      |            |             |  |   |              | Ice    |       |          |   |                       |              |   |  |
|                                    |                                                                             |         |                                             |           |                               |      |            |             |  |   |              |        |       |          |   |                       |              |   |  |

RQ-2021-05-03-66

Collected By: Sabrina Fischer, Andrew Luering



Customer: FDEP

Project ID: SMP

Field Report Prepared by: Sabrina Fischer,  
Andrew Luering

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) |
|-------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|----------------|
| 5/10/2021<br>1125 | 1.81      | 23.3      | 26.6     | 6.36 | 0.3              | 0.2          | 0.5             | 1903               | 6.36           |

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| Parameter Suite                    |                                                                              | Parameter Methods |                                             |  |             | Preservation |        | pH Check | # Bottles sent to Lab | Bottle Group |     |
|------------------------------------|------------------------------------------------------------------------------|-------------------|---------------------------------------------|--|-------------|--------------|--------|----------|-----------------------|--------------|-----|
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |                   |                                             |  | Ice         |              | H2SO4* | <2       |                       |              |     |
|                                    | Lot #                                                                        |                   | Exp:                                        |  |             |              |        |          |                       |              |     |
| Metals (P-500ML)                   | W-ICPMS                                                                      |                   | W-ICP                                       |  | W-HARD      |              | Ice    |          | HNO3*                 | <2           |     |
|                                    | Lot #                                                                        |                   | Exp:                                        |  |             |              |        |          |                       |              |     |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                      |                   | Field Filtered 0.45 um Filter               |  |             | Ice          |        |          |                       |              |     |
|                                    | Filter Lot #                                                                 |                   |                                             |  |             |              |        |          |                       |              |     |
|                                    | Syringe Lot #                                                                |                   |                                             |  |             |              |        |          |                       |              |     |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                   |                   |                                             |  | Ice         |              |        |          |                       |              |     |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                   |                                             |  | Ice         |              |        |          |                       |              |     |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |                   |                                             |  | Ice         |              |        |          |                       |              |     |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                   |                   |                                             |  | Ice         |              |        |          |                       |              |     |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                     |                   |                                             |  | Ice         |              |        |          |                       |              |     |
| Microbiology (Contract Lab Bottle) | X                                                                            | E Coli            | F Coli                                      |  | Enterococci |              | X      |          |                       |              | Ice |
|                                    | Contract Lab                                                                 |                   |                                             |  |             |              |        |          |                       |              |     |
| Molecular (QPCR-P-500ML)           | PCR-HF183                                                                    |                   | PCR-BacR                                    |  | PCR-DG3     |              | Ice    |          |                       |              |     |
|                                    | PCR-GULL2                                                                    |                   | PCR-GFD                                     |  |             |              |        |          |                       |              |     |
| Tracers (BG-500ML)                 | W-E8321-DI                                                                   |                   | W-E8321-MS                                  |  |             | Ice          |        |          |                       |              |     |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI                                                                   |                   | W-E8321-MS                                  |  | W-PSNP-TQ   |              | Ice    |          |                       |              |     |
|                                    |                                                                              |                   |                                             |  | W-DIELDRIN  |              |        |          |                       |              |     |
|                                    | W-PCL-SQ-R                                                                   |                   | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |  | W-CT-CL-R   |              |        |          |                       |              |     |
| Phytoplankton                      | DTY-QN-C                                                                     |                   | PKD-QN-BV                                   |  | Ice         |              |        |          |                       |              |     |

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Page 1 of 4

Date of Request: 21-APR-2021  
 Created By: SKAGGS\_J On: 21-APR-2021  
 Modified By: JASROTIA\_P On: 21-APR-2021  
 Customer: SE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Southeast District  
 Event Description: SMP - Okeechobee Monthly 05/21

**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: 21-APR-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 21-APR-2021  
 Sampling Kit Required: YES Ship on: 23-APR-2021  
 Sampling Kit Shipped: YES On: 23-APR-2021  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: NO  
 Date to Receive Samples: 06-MAY-2021  
 Logged In By:

**Send Final Report To:**

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

Comments: Lab Comments:  
 \*Receiving - please log algae samples (Bottle 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:**

|                    |                      |                                                                                                        |
|--------------------|----------------------|--------------------------------------------------------------------------------------------------------|
| 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                                                                                    |

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

|                                           |                   |                      |                                                                                                                                     |
|-------------------------------------------|-------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L<br>CHLSUITE-W          | Template: DEFAULT | Number of Bottles: 1 | Preserved With: ICE<br>(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-250ML-WO-THI<br>ECOLI-18QT | Template: DEFAULT | Number of Bottles: 1 | Preserved With: ICE<br>(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems     |
| Bottle Type: BG-500ML<br>W-E8321-DI       | Template: DEFAULT | Number of Bottles: 1 | Preserved With: ICE<br>(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<br>W-NH3             | Template: DEFAULT | Number of Bottles: 1 | Preserved With: ICE And H2SO4<br>(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<br>W-PO4-F           | Template: DEFAULT | Number of Bottles: 1 | Preserved With: FILTER-ICE<br>(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<br>W-NH3             | Template: DEFAULT | Number of Bottles: 1 | Preserved With: ICE And H2SO4<br>(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<br>W-PO4-F           | Template: DEFAULT | Number of Bottles: 1 | Preserved With: FILTER-ICE<br>(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L              |
| Bottle Type: P-1L<br>ALKALINITY           | Template: DEFAULT | Number of Bottles: 1 | Preserved With: ICE<br>(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<br>CHLSUITE-W          | Template: DEFAULT | Number of Bottles: 1 | Preserved With: ICE<br>(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-250ML-WO-THI<br>ECOLI-18QT | Template: DEFAULT | Number of Bottles: 1 | Preserved With: ICE<br>(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<br>ECOLI-18QT | Template: DEFAULT | Number of Bottles: 1 | Preserved With: ICE<br>(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems                |
| Bottle Type: P-500ML<br>W-HARD            | Template: DEFAULT | Number of Bottles: 1 | Preserved With: HNO3<br>(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

**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 |
| *Boron<br>Aluminum<br>Antimony<br>Arsenic<br>Beryllium<br>Cadmium<br>Chromium<br>Copper<br>Lead<br>Nickel<br>Selenium<br>Silver<br>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        |

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**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.