

# Login Checklist

RQ- 2022-11-07-34

Login Station ID: 5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 12/15/22 @ 9:42

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 0-6                 |                 |                                        |          | 1                                     |               | X  |          |    | 855949305271       |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

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

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

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

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

## CONTAINER CHECK

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

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

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

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

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

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

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 X Init: C-P

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

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

Coolers Unpacked/Checked by: C-P Date: 12/15/22 Event contains NCRs(Y/N)? N

EventID: SO-DIST-2022-12-15-03 (SMP)  
Date Received: 15-DEC-2022 09:42

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

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

### ENCORE SAMPLES

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

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

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

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

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

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 12/14/2022      **Collected By:** Thomas Baker, Monica Jaeger  
**Customer:** SO-DIST      **Sampling Agency:** FDEP  
**RQ:** RQ-2022-11-07-34      **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.**

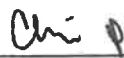
| Site/Location                  | Field ID/WIN ID                                                                                  |
|--------------------------------|--------------------------------------------------------------------------------------------------|
| Bonnet Lake @ Middle           | <br>G4SD0170   |
| Little Bonnet Lake @ Middle    | <br>G4SD0169  |
| Little Red Water Lake @ Middle | <br>G4SD0171 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 12/14/2022  
1500 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: 

Rec'd/Inspected  
Date: 12-15-22



RQ-2022-11-07-34

Customer: FDEP

Project ID: SMP

Collected By: Thomas Baker, Monica Jaeger

Field Report Prepared by: Thomas Baker, Monica Jaeger

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G4SD0170

Comments: Please log in PKD-QN-BV &amp; DTY-QN-C under a separate event with priority 12, Bottle Group - B. |

Location: Bonnet Lake @ Middle

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time (EST)                | DO (mg/L)         | DO (%SAT)                                                                    | Temp. °C                                 | pH                                | Sample Depth (m)              | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT)        |              |    |   |
|------------------------------------|-------------------|------------------------------------------------------------------------------|------------------------------------------|-----------------------------------|-------------------------------|--------------|-----------------|--------------------|-----------------------|--------------|----|---|
| 12/14/2022 1140                    | 7.27              | 83.7                                                                         | 22.2                                     | 7.1                               | 0.3                           | 1.2          | 3.2             | 170.2              | 0.08                  |              |    |   |
| 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 #                                                                        |                                          | SA2229010                         | Exp:                          | 08/30/23     |                 |                    |                       |              |    |   |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                      |                                          | W-ICP                             | W-HARD                        |              | Ice             |                    | HNO3*                 |              | <2 |   |
|                                    |                   | Lot #                                                                        |                                          |                                   | Exp:                          |              |                 |                    |                       |              |    |   |
| Filtered Nutrients (P125ML)        | X                 | W-PO4-F                                                                      |                                          | X                                 | Field Filtered 0.45 um Filter |              | X               | Ice                |                       |              | 1  | A |
|                                    |                   | Filter Lot #                                                                 | 17347262                                 | Syringe Lot #                     | 1363442                       |              |                 |                    |                       |              |    |   |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                   |                                          |                                   |                               |              | Ice             |                    |                       |              |    |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                   |                                          |                                   |                               | X            | Ice             |                    |                       | 1            | A  |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W- TDS |                                          |                                   |                               | X            | Ice             |                    |                       | 1            | A  |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-F / W-TSS / TURBIDITY                                         |                                          |                                   |                               |              | Ice             |                    |                       |              |    |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                   | Formalin Lot #                           |                                   |                               |              | Formalin        |                    |                       |              |    |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                     |                                          |                                   |                               |              | Ice             |                    |                       |              |    |   |
| Microbiology (Contract Lab Bottle) |                   | E Coli                                                                       |                                          | F Coli                            |                               | Enterococci  |                 | Ice                |                       |              |    |   |
|                                    |                   | Contract Lab                                                                 |                                          |                                   |                               |              |                 |                    |                       |              |    |   |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                    |                                          | PCR-BacR                          | PCR-DG3                       |              | Ice             |                    |                       |              |    |   |
|                                    |                   | PCR-GULL2                                                                    |                                          | PCR-GFD                           |                               |              |                 |                    |                       |              |    |   |
| Tracers (BG-500ML)                 |                   | W-E8321-DI                                                                   |                                          | W-E8321-MS                        |                               |              | Ice             |                    |                       |              |    |   |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-E8321-DI                                                                   | W-E8321-MS                               |                                   | W-PSNP-TQ                     |              | Ice             | MCAA Exp.          | MCAA Lot#             |              |    |   |
|                                    |                   | W-PCL-TQ-R                                                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) |                                   | W-CT-CL-R                     |              |                 |                    |                       |              |    |   |
|                                    |                   | W-TR-SQ-R                                                                    | W-PCB-TQ-R                               |                                   |                               |              |                 |                    |                       |              |    |   |
| Phytoplankton                      | X                 | DTY-QN-C                                                                     |                                          | X                                 | PKD-QN-BV                     |              | X               | Ice                |                       |              | 1  | B |
| DOC                                |                   | W-DOC                                                                        |                                          | Field Filtered 0.45 um Filter     |                               |              | Ice             | H2SO 4*            |                       | <2           |    |   |
|                                    |                   |                                                                              |                                          | Acid Preservative Expiration Date |                               |              |                 |                    |                       |              |    |   |
|                                    |                   |                                                                              |                                          | Acid Preservative Lot Number      |                               |              |                 |                    |                       |              |    |   |



|                                                                                                                                 |                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| RQ-2022-11-07-34                                                                                                                | Collected By: Thomas Baker, Monica Jaeger                                                               |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Thomas Baker, Monica Jaeger                                                   |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                                                                   |
| WIN ID/Field ID: <br>WIN ID/Field ID: G4SD0169 | Comments: Please log in PKD-QN-BV & DTY-QN-C under a separate event with priority 12, Bottle Group - B. |

Location: Little Bonnet Lake @ Middle

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time (EST)                | DO (mg/L) | DO (%SAT)                                                                 | Temp. °C                                 | pH         | Sample Depth (m)              | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPT) |                       |              |   |   |  |
|------------------------------------|-----------|---------------------------------------------------------------------------|------------------------------------------|------------|-------------------------------|--------------|-----------------|--------------------|----------------|-----------------------|--------------|---|---|--|
| 12/14/2022 1105                    | 8.82      | 101.1                                                                     | 22.1                                     | 7.12       | 0.3                           | 1.2          | 4               | 159.3              | 0.07           |                       |              |   |   |  |
| 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 #                                                                     | SA2229010                                |            | Exp:                          | 08/30/23     |                 |                    |                |                       |              |   |   |  |
| 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 #                                                              | 17347262                                 |            | Syringe Lot #                 | 1363442      |                 |                    |                |                       |              |   |   |  |
| BOD (BP-1L)                        |           | OV-BODUNIN                                                                |                                          |            |                               |              | Ice             |                    |                |                       |              |   |   |  |
| Chlorophyll (BP-1L)                | X         | CHLSUITE-W                                                                |                                          |            |                               | X            | Ice             |                    |                |                       |              |   |   |  |
| Physical/Aggregate (Fresh) (P-1L)  | X         | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS |                                          |            |                               | X            | Ice             |                    |                |                       |              |   |   |  |
| Physical/Aggregate (Marine) (P-1L) |           | Alkalinity / W-F / W-TSS / TURBIDITY                                      |                                          |            |                               |              | Ice             |                    |                |                       |              |   |   |  |
| Macroinvertebrates (PJ-2L)         |           | MI-FW-QLDC                                                                | Formalin Lot #                           |            |                               |              | Formalin        |                    |                |                       |              |   |   |  |
| Periphyton (PT-50ML)               |           | ALGAE-ID                                                                  |                                          |            |                               |              | Ice             |                    |                |                       |              |   |   |  |
| Microbiology (Contract Lab Bottle) |           | E Coli                                                                    |                                          | F Coli     | Enterococci                   |              | Ice             |                    |                |                       |              |   |   |  |
|                                    |           | Contract Lab                                                              |                                          |            |                               |              |                 |                    |                |                       |              |   |   |  |
| Molecular (QPCR-P-500ML)           |           | PCR-HF183                                                                 |                                          | PCR-BacR   | PCR-DG3                       |              | Ice             |                    |                |                       |              |   |   |  |
|                                    |           | PCR-GULL2                                                                 |                                          | PCR-GFD    |                               |              |                 |                    |                |                       |              |   |   |  |
| Tracers (BG-500ML)                 |           | W-E8321-DI                                                                |                                          | W-E8321-MS |                               |              | Ice             |                    |                |                       |              |   |   |  |
| Pesticides (BG-500ML) (BG-1L)      |           | W-E8321-DI                                                                | W-E8321-MS                               |            | W-PSNP-TQ                     |              | Ice             | MCAA Exp.          | MCAA Lot#      |                       |              |   |   |  |
|                                    |           | W-PCL-TQ-R                                                                | W-CARB-AA (5 ml of MCAA Buffer Solution) |            | W-CT-CL-R                     |              |                 |                    |                |                       |              |   |   |  |
|                                    |           | W-TR-SQ-R                                                                 | W-PCB-TQ-R                               |            |                               |              |                 |                    |                |                       |              |   |   |  |
| Phytoplankton                      | X         | DTY-QN-C                                                                  |                                          | X          | PKD-QN-BV                     |              | X               | Ice                |                |                       | 1            | B |   |  |
| DOC                                |           | W-DOC                                                                     | Field Filtered 0.45 µm Filter            |            |                               |              | Ice             |                    | H2SO4*         |                       | <2           |   |   |  |
|                                    |           |                                                                           | Acid Preservative Expiration Date        |            |                               |              |                 |                    |                |                       |              |   |   |  |
|                                    |           |                                                                           | Acid Preservative Lot Number             |            |                               |              |                 |                    |                |                       |              |   |   |  |



RQ-2022-11-07-34

Collected By: Thomas Baker, Monica Jaeger

Customer: FDEP

Field Report Prepared by: Thomas Baker, Monica Jaeger

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID:   
 WIN ID/Field ID: G4SD0171

 Comments: Please log in PKD-QN-BV & DTY-QN-C  
 under a separate event with priority 12, Bottle  
 Group - B. |

Location: Little Red Water Lake @ Middle

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time {EST} | DO (mg/L) | DO (%SAT) | Temp. °C | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm) | Salinity (PPTH) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|-----------------|
| 12/14/2022 1205     | 7.26      | 83.9      | 22.6     | 6.93 | 0.3              | 0.9          | 2.9             | 102.2              | 0.05            |

| 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 #                                                                       | SA2229010                                |                               |                               | Exp:        | 08/30/23 |        |                       |              |   |   |
| Metals (P-500ML)                   |                                   | W-ICPMS                                                                     |                                          | W-ICP                         |                               | W-HARD      |          | Ice    |                       | HNO3*        |   |   |
|                                    |                                   | Lot #                                                                       |                                          |                               |                               | Exp:        |          |        |                       | <2           |   |   |
| Filtered Nutrients (P125ML)        | X                                 | W-PO4-F                                                                     |                                          | X                             | Field Filtered 0.45 µm Filter |             | X        | Ice    |                       | 1            | A |   |
|                                    |                                   | Filter Lot #                                                                | 17347262                                 |                               | Syringe Lot #                 | 1363442     |          |        |                       |              |   |   |
| BOD (BP-1L)                        |                                   | OV-BODUNIN                                                                  |                                          |                               |                               |             | Ice      |        |                       |              |   |   |
| Chlorophyll (BP-1L)                | X                                 | CHLSUITE-W                                                                  |                                          |                               |                               | X           | Ice      |        |                       | 1            | A |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS |                                          |                               |                               | X           | Ice      |        |                       | 1            | A |   |
| Physical/Aggregate (Marine) (P-1L) |                                   | Alkalinity / W-F / W-TSS / TURBIDITY                                        |                                          |                               |                               |             | Ice      |        |                       |              |   |   |
| Macroinvertebrates (PJ-2L)         |                                   | MI-FW-QLDC                                                                  | Formalin Lot #                           |                               |                               | Formalin    |          |        |                       |              |   |   |
| Periphyton (PT-50ML)               |                                   | ALGAE-ID                                                                    |                                          |                               |                               |             | Ice      |        |                       |              |   |   |
| Microbiology (Contract Lab Bottle) |                                   | E Coli                                                                      |                                          | F Coli                        |                               | Enterococci |          | Ice    |                       |              |   |   |
|                                    |                                   | Contract Lab                                                                |                                          |                               |                               |             |          |        |                       |              |   |   |
| Molecular (QPCR-P-500ML)           |                                   | PCR-HF183                                                                   |                                          | PCR-BacR                      |                               | PCR-DG3     |          | Ice    |                       |              |   |   |
|                                    |                                   | PCR-GULL2                                                                   |                                          | PCR-GFD                       |                               |             |          |        |                       |              |   |   |
| Tracers (BG-500ML)                 |                                   | W-E8321-DI                                                                  |                                          | W-E8321-MS                    |                               |             | Ice      |        |                       |              |   |   |
| Pesticides (BG-500ML) (BG-1L)      |                                   | W-E8321-DI                                                                  | W-E8321-MS                               |                               | W-PSNP-TQ                     |             |          | Ice    | MCAA Exp.             | MCAA Lot#    |   |   |
|                                    |                                   | W-PCL-TQ-R                                                                  | W-CARB-AA (5 ml of MCAA Buffer Solution) |                               | W-CT-CL-R                     |             |          |        |                       |              |   |   |
|                                    |                                   | W-TR-SQ-R                                                                   | W-PCB-TQ-R                               |                               |                               |             |          |        |                       |              |   |   |
| Phytoplankton                      | X                                 | DTY-QN-C                                                                    |                                          | X                             | PKD-QN-BV                     |             | X        | Ice    |                       | 1            | B |   |
| DOC                                |                                   | W-DOC                                                                       |                                          | Field Filtered 0.45 µm Filter |                               |             | Ice      |        | H2SO4*                | <2           |   |   |
|                                    | Acid Preservative Expiration Date |                                                                             |                                          |                               |                               |             |          |        |                       |              |   |   |
|                                    | Acid Preservative Lot Number      |                                                                             |                                          |                               |                               |             |          |        |                       |              |   |   |

Date of Request: 19-OCT-2022  
 Created By: MULLEN\_W On: 19-OCT-2022  
 Modified By: JASROTIA\_P On: 20-OCT-2022  
 Customer: SO-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: South District  
 Event Description: 2022 SMP : Phyto Lakes

**Send Coolers To:**

Phone: 239-344-5716  
 FLDEP South District Office  
 2295 Victoria Ave. Suite 314  
 Fort Myers, FL 33901-3381  
 Attn: William Mullen  
 Cooler Ship EMail: William.Mullen@FloridaDEP.gov

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 20-OCT-2022  
 Biology Request Reviewed By: JASROTIA\_P On: 20-OCT-2022  
 Sampling Kit Required: YES Ship on: 28-OCT-2022  
 Sampling Kit Shipped: YES On: 28-OCT-2022  
 Sampling Kit Packed By: ROBERTS\_Z  
 Preservatives Needed: NO  
 Date to Receive Samples: 09-NOV-2022  
 Logged In By:

**Send Final Report To:**

FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 Fort Myers, FL 33901-3381  
 Attn: William Mullen  
 Report Notification EMail:  
 Nicole.Reistad@FloridaDEP.gov; John.Barrington@FloridaDEP.gov;  
 William.Mullen@FloridaDEP.gov; Monica.Jaeger@FloridaDEP.gov;  
 Thomas.J.Baker@FloridaDEP.gov

Comments: Group A: Freshwater Nutrients  
 Group B: Phytoplankton

**Bottle Group A (Water) With 3 Samples:**

|                       |                      |                                                                                                         |
|-----------------------|----------------------|---------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L     | Number of Bottles: 3 | Preserved With: ICE                                                                                     |
| ALKALINITY            | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                              |
| TURBIDITY             | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                      |
| W-CL-IC               | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                       |
| W-COLOR               | Template: DEFAULT    | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                      |
| Color (true)          |                      |                                                                                                         |
| W-F                   | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO <sub>4</sub> -IC | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                        |
| W-TDS                 | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                             |
| W-TSS                 | Template: DEFAULT    | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample         |

|                    |                      |                                                                                                              |
|--------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L | Number of Bottles: 3 | 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: 3 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>              |
| W-NH <sub>3</sub>                 | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L          |
| W-NO <sub>2</sub> NO <sub>3</sub> | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  |
| W-S-A-TP                          | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN                             | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices    |
| W-TOC                             | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices    |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-125ML | Number of Bottles: 3 | Preserved With: FILTER-ICE                                                               |
| W-PO <sub>4</sub> -F | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

**Bottle Group B (Water) With 3 Samples:**

|                    |                      |                                                                                               |
|--------------------|----------------------|-----------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L | Number of Bottles: 3 | 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.