

# Login Checklist

RQ- 2021-11-15-44

Login Station ID: #5

Shipping Method: 3 FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 11/ 23 /21 @ 9:48

| *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 |                    |
| -0.1                |                 |                                        |          | 4                                     |               | ✓  |          |    | 5225 5541 6833     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

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

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

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No \_\_\_\_\_

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

Yes \_\_\_\_\_ No ☒

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒

Evidence Tape intact? Yes \_\_\_\_\_ No \_\_\_\_\_

If Criminal, photographs taken?

Yes ☒ No \_\_\_\_\_

Containers intact? Yes ☒ No \_\_\_\_\_

Caps on tight?

Yes ☒ No \_\_\_\_\_

Sufficient Sample Volume:

Yes ☒ No \_\_\_\_\_

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

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes \_\_\_\_\_ No ☒ Init: 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: 11/ 23 /21 Event contains NCRs (Y/N)? N

Event ID: 2021 SMP: Continuous Imperial

SO-DIST-2021-11-23-02 (SMP)

- Date Received: 23-NOV-2021 09:48

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

### Additional Comments:

|                          |                             |
|--------------------------|-----------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #5 EXP:10-19-22 |
| pH Test Strips 0 – 6     | Lot#210620 EXP:4-15-23      |
| pH Paper 0 – 3           |                             |
| pH Paper 0 – 13          | Lot#210620 EXP:4-15-23      |
| Chlorine Test Strips     | Lot#0070 EXP:2-23           |

### 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:** 11/22/2021 **Collected By:** William Mullen, Thomas Baker  
**Customer:** SO-DIST **Sampling Agency:** FDEP  
**RQ:** RQ-2021-11-15-44 **Project ID:** SMP

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

**Number of Coolers Shipped:** 1

**Delivery Method:** FedEx

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

| Site Location           | Field ID/WIN ID                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------|
| Imperial River @ Orr Rd | <br>G1SD0105 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 11/22/2021  
1500 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: *kh*

Rec'd/Inspected

Date: *11-23-21 / 0948*



|                  |                                                        |
|------------------|--------------------------------------------------------|
| RQ-2021-11-15-44 | Collected By: William Mullen, Thomas Baker             |
| Customer: FDEP   | Field Report Prepared by: William Mullen, Thomas Baker |
| Project ID: SMP  | Sampling Agency: FDEP                                  |

WIN ID/Field ID:   
WIN ID/Field ID: G1SD0105

Comments:

Location:

Location: Imperial River @ Orr Rd

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time {EST}                | DO (mg/L) | DO (%SAT)                                      | Temp. ©                                                                      | pH                                          | Sample Depth (m) | Secchi Depth                  | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT <sub>h</sub> |                       |              |    |   |   |  |
|------------------------------------|-----------|------------------------------------------------|------------------------------------------------------------------------------|---------------------------------------------|------------------|-------------------------------|-----------------|---------------------|----------------------------|-----------------------|--------------|----|---|---|--|
| 11/22/2021 1125                    | 4.58      | 55.2                                           | 24.4                                                                         | 7.49                                        | 0.3              | 1.1                           | 1.1             | 344.5               | 0.16                       |                       |              |    |   |   |  |
| 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 #                                          |                                                                              | SA1105060                                   |                  | Exp:                          |                 | 4/31/22             |                            |                       |              |    |   |   |  |
| Metals (P-500ML)                   |           |                                                | W-ICPMS                                                                      |                                             |                  | W-ICP                         |                 | 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 #                                   |                                                                              | 17162587                                    |                  |                               |                 |                     |                            |                       |              |    |   |   |  |
|                                    |           | Syringe Lot #                                  |                                                                              | 1091364                                     |                  |                               |                 |                     |                            |                       |              |    |   |   |  |
| 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             |                     |                            |                       |              |    |   |   |  |
| Physical/Aggregate (Marine) (P-1L) |           | Alkalinity / W-BR-IC / 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                 |                            |                       |              |    |   |   |  |
|                                    |           | W-PCL-TQ-R                                     |                                                                              | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |                  | W-CT-CL-R                     |                 |                     |                            |                       |              |    |   |   |  |
| Phytoplankton                      |           | DTY-QN-C                                       |                                                                              | PKD-QN-BV                                   |                  |                               | Ice             |                     |                            |                       |              |    |   |   |  |

Date of Request: 02-NOV-2021  
 Created By: MULLEN\_W On: 02-NOV-2021  
 Modified By: JASROTIA\_P On: 03-NOV-2021  
 Customer: SO-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: South District  
 Event Description: 2021 SMP: Continuous Imperial

**Send Coolers To:**

Phone: 239-344-5716  
 FLDEP South District Office  
 2295 Victoria Ave. Suite 364  
 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: 03-NOV-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 03-NOV-2021  
 Sampling Kit Required: YES Ship on: 08-NOV-2021  
 Sampling Kit Shipped: YES On: 08-NOV-2021  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: NO  
 Date to Receive Samples: 15-NOV-2021  
 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; Kirby.Wolfe@dep.state.fl.us; Gary.Snorek@dep.state.fl.us; William.Mullen@FloridaDEP.gov; Monica.Jaeger@FloridaDEP.gov; Thomas.J.Baker@FloridaDEP.gov

Comments: Group A: (Imperial) Freshwater Nutrients

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

|                                   |                      |                                                                                                              |
|-----------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| ALKALINITY                        | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                   |
| TURBIDITY                         | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| W-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-SO <sub>4</sub> -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-500ML              | Number of Bottles: 1 | 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: 1 | 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                     |