

# Login Checklist

RQ- 2022-06-27-42

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 06/30/22 @ 9:20

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 3.9                 |                 |                                        |          | 1                                     |               | X  |          |    | 5225 5548 1929     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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 X

## CONTAINER CHECK

Evidence Tape on Bottles? Yes \_\_\_\_\_ No \_\_\_\_\_ NA X 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 X Init: R

Chlorine detected? (One container checked per Field ID)

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

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: R

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

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

Coolers Unpacked/Checked by: R Date: 06/30/22 Event contains NCRs (Y/N)? N

Sebastian Deploy and Pickup  
Event ID SE-DIST-2022-06-30-01 (SMP)  
Date Received: 30-JUN-2022 09:20

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

|                          |                            |
|--------------------------|----------------------------|
| Infrared Thermometer ID: | #4 Temp Gun EXP:10/19/2022 |
| pH Test Strips 0 – 6     | 223819AV EXP:08/30/2023    |
| pH Paper 0 – 3           | N/A                        |
| pH Paper 0 – 13          | 207621 EXP:03/15/2024      |
| Chlorine Test Strips     | 0070 EXP:02/2023           |

### Additional Comments:

### 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:** 6/29/2022 **Collected By:** Jordan Skaggs, Drew Liddick  
**Customer:** WQAP **Sampling Agency:** FDEP  
**RQ:** RQ-2022-06-27-42 **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                                                                                |
|-----------------------------------------------------------|------------------------------------------------------------------------------------------------|
| C-54 confluence with Sebastian near Mockingbird Lane Dock | <br>G5SE0106 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 6/29/2022  
1515 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: 72

Rec'd/Inspected Date: 6-30-2022



|                                                                                                                                 |                                                       |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| RQ-2022-06-27-42                                                                                                                | Collected By: Jordan Skaggs, Drew Liddick             |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Jordan Skaggs, Drew Liddick |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                 |
| WIN ID/Field ID: <br>WIN ID/Field ID: G5SE0106 | Comments:                                             |

## Location:

Location: C-54 confluence with Sebastian near Mockingbird Lane Dock

Matrix: Marine

(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) |
|---------------------|-----------|-----------|---------|------|------------------|--------------|-----------------|---------------------|----------------|
| 6/29/2022 1330      | 4.75      | 64.6      | 29.8    | 7.59 | 0.3              | 0.6          | 1.3             | 10297               | 0.29           |

  

| 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<br>Lot # _____ Exp: _____                                                    | Ice H2SO4*              | <2       |                       |              |
| Metals (P-500ML)                   | W-ICPMS W-ICP W-HARD<br>Lot # _____ Exp: _____                                                                           | Ice HNO3*               | <2       |                       |              |
| Filtered Nutrients (P125ML)        | W-PO4-F Field Filtered 0.45 µm Filter<br>Filter Lot # _____ Syringe Lot # _____                                          | Ice                     |          |                       |              |
| BOD (BP-1L)                        | OV-BODUNIN                                                                                                               | Ice                     |          |                       |              |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                                                               | Ice                     |          |                       |              |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-C / W-COLOR / W-SO4-IC / W-TDS                                               | 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 X Enterococci<br>Contract Lab                                                                              | x Ice                   |          | 1                     | B            |
| Molecular (QPCR-P-500ML)           | PCR-HF183 PCR-BacR PCR-DG3<br>PCR-GULL2 PCR-GFD                                                                          | Ice                     |          |                       |              |
| Tracers (BG-500ML)                 | W-E8321-DI W-E8321-MS                                                                                                    | Ice                     |          |                       |              |
| Pesticides (BG-500ML) (BG-1L)      | W-E8321-DI W-E8321-MS W-PSNP-TQ<br>W-PCL-TQ-R W-CARB-AA (5 ml of MCAA Buffer Solution) W-CT-CL-R<br>W-TR-SQ-R W-PCB-TQ-R | Ice MCAA Exp. MCAA Lot# |          |                       |              |
| Phytoplankton                      | DTY-QN-C PKD-QN-BV                                                                                                       | Ice                     |          |                       |              |

Date of Request: 07-JUN-2022  
 Created By: LUERING\_A On: 07-JUN-2022  
 Modified By: JASROTIA\_P On: 09-JUN-2022  
 Customer: SE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Southeast District  
 Event Description: Sebastian Deploy and Pickup

**Send Coolers To:**

Phone: (772) 380-5572  
 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: AYRES\_J On: 09-JUN-2022  
 Biology Request Reviewed By: JASROTIA\_P On: 09-JUN-2022  
 Sampling Kit Required: YES Ship on: 20-JUN-2022  
 Sampling Kit Shipped: YES On: 17-JUN-2022  
 Sampling Kit Packed By: ROBERTS\_Z  
 Preservatives Needed: NO  
 Date to Receive Samples: 29-JUN-2022  
 Logged In By:

**Send Final Report To:**

FL Dept. of Environmental Protection  
 2199 South Rock Road  
 Fort Pierce, FL 34945  
 Attn: Jordan Skaggs  
 Report Notification EMail:  
 Jordan.Skaggs@FloridaDEP.gov; Drew.Liddick@FloridaDEP.gov;  
 Andrew.Luering@FloridaDEP.gov

Comments: Bottle Group A (3M Nutrients, Entero, and Metals  
 G5SE0106 Pickup

Bottle Group B (Entero)  
 G5SE0106 Dropoff

**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-F                         | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                        |
| 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                                                                                                                            |
| ENT-24-QT                   | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems                                                   |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| W-ICP                       | Template: SMP-MARINE | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |

Calcium  
 Iron  
 Magnesium  
 Strontium  
 Tin

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

Bottle Type: P-500ML      Number of Bottles: 1      Preserved With: HNO3  
 W-ICP      Template: SMP-MARINE      (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Titanium  
 Vanadium  
 Zinc

W-ICPMS      Template: SMP-MARINE      (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

\*Strontium  
 Aluminum  
 Antimony  
 Arsenic  
 Beryllium  
 Cadmium  
 Chromium  
 Cobalt  
 Copper  
 Lead  
 Manganese  
 Molybdenum  
 Nickel  
 Selenium  
 Silver  
 Thallium

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 Group B (Water) With 1 Samples:**

Bottle Type: P-250ML-WO-THI      Number of Bottles: 1      Preserved With: ICE  
 ENT-24-QT      Template: DEFAULT      (Enterolert/QT) Enterococci by Enterolert Quanti-Tray method - non-chlorinated water systems

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