

RQ- 2022-11-14-44

## Login Checklist

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 12/20/2022 9:17

| *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 |                    |
| 2.0                 |                 |                                        |          | 2                                     |               | X  |          |    | 5225 5540 2322     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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: ☒

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 &lt; 2.0?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒ Init: ☒

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒ Init: ☒

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

Coolers Unpacked/Checked by: ☒

Date: 12/20/2022

Event contains NCRs (Y/N)? ☒EventID 2022 SMP : Rookery Bay  
S0-DIST-2022-12-20-01 (SMP)

Date Received: 20-DEC-2022 09:17

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                                 |
|--------------------------|---------------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #4 Exp:10/17/2023   |
| pH Test Strips 0 – 6     | LOT# 223819AV Exp: AUG 30, 2023 |
| pH Paper 0 – 3           | N/A                             |
| pH Paper 0 – 13          | LOT# 207621 Exp: March 15, 2024 |
| Chlorine Test Strips     | LOT# 0070 Exp: Feb. 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:** 12/19/2022      **Collected By:** Nicole Reistad, Monica Jaeger  
**Customer:** SO-DIST      **Sampling Agency:** FDEP  
**RQ:** RQ-2022-11-14-44      **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                                                                                |
|--------------------|------------------------------------------------------------------------------------------------|
| Rookery Bay Site 1 | <br>G1SD0067 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 12/19/2022  
1300 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: 

Rec'd/Inspected  
Date: 12-20-2022



|                  |                                                         |
|------------------|---------------------------------------------------------|
| RQ-2022-11-14-44 | Collected By: Nicole Reistad, Monica Jaeger             |
| Customer: FDEP   | Field Report Prepared by: Nicole Reistad, Monica Jaeger |
| Project ID: SMP  | Sampling Agency: FDEP                                   |

|                                                                                                    |                                                                    |
|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| WIN ID/Field ID:  | Comments: Microbiology sample(s) submitted to contract laboratory. |
| WIN ID/Field ID: G1SD0067                                                                          |                                                                    |

Location: Rookery Bay Site 1

Matrix: Marine

(Check One)

☒ Grab☐ Composite

| Date and Time<br>{EST}             | DO<br>(mg/L) | DO<br>(%SAT)                                                                 | Temp. °C       | pH                                          | Sample<br>Depth (m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos /cm) | Salinity<br>(PPT <sub>h</sub> ) |                          |                 |     |   |   |
|------------------------------------|--------------|------------------------------------------------------------------------------|----------------|---------------------------------------------|---------------------|-----------------|-----------------------|------------------------|---------------------------------|--------------------------|-----------------|-----|---|---|
| 12/19/2022<br>1020                 | 6.84         | 94.5                                                                         | 21.4           | 7.88                                        | 0.3                 | 0.7             | 2.9                   | 52239                  | 34.45                           |                          |                 |     |   |   |
| Parameter Suite                    |              | Parameter Methods                                                            |                |                                             |                     | Preservation    |                       | pH Check               |                                 | # Bottles<br>sent to Lab | Bottle<br>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 #                               |                     |                 |                       |                        |                                 |                          |                 |     |   |   |
| BOD (BP-1L)                        |              | OV-BODUNIN                                                                   |                |                                             |                     | Ice             |                       |                        |                                 |                          |                 |     |   |   |
| 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- TD5 |                |                                             |                     | 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                                                                       |                | X                                           | F Coli              | X               |                       |                        |                                 | Enterococci              | x               | Ice | 2 | B |
|                                    |              | 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                                  |                     | X               | W-PSNP-TQ             | x                      | Ice                             | MCAA<br>Exp.             | MCAA<br>Lot#    | 2   | B |   |
|                                    |              | W-PCL-TQ-R                                                                   |                | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |                     | W-CT-CL-R       |                       |                        |                                 |                          |                 |     |   |   |
|                                    |              | X                                                                            | W-TR-SQ-R      |                                             | W-PCB-TQ-R          |                 |                       |                        |                                 |                          |                 |     |   |   |
| Phytoplankton                      |              | DTY-QN-C                                                                     |                | PKD-QN-BV                                   |                     | Ice             |                       |                        |                                 |                          |                 |     |   |   |
| DOC                                |              | W-DOC                                                                        |                | Field Filtered 0.45 um Filter               |                     | Ice             |                       | H2SO<br>4*             | <2                              |                          |                 |     |   |   |
|                                    |              |                                                                              |                | Acid Preservative Expiration Date           |                     |                 |                       |                        |                                 |                          |                 |     |   |   |
|                                    |              |                                                                              |                | Acid Preservative Lot Number                |                     |                 |                       |                        |                                 |                          |                 |     |   |   |



## CHAIN OF CUSTODY RECORD

Project #  
(Lab Use Only)

Client Florida Dept. of Environmental Protection

Address 2600 Blairstone Rd. Tallahassee, FL 32399

Phone 239-344-5712

Fax

Report To: DEP-OverflowMicro@dep.state.fl.us

Bill to: Carina Tull

P.O. # LAB #296338 C0136A

Preservative: HCL = H, HNO<sub>3</sub> = N, Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> = STH<sub>2</sub>SO<sub>4</sub> = S, NaOH = SH, NH<sub>4</sub>Cl = NH

Project Name: SMP

Project Location: Rockland Bay

Customer Type: FDEP South RDC

Kit #:

Requested Due Date:

Sampled By (PRINT) Monica Jaeger

Sampler Signature

Preservatives

Sample

Analysis Requested

Sample  
ID #  
(Lab Use  
Only)

Matrix

Sample Description

Date

Time

Type

S

S

S

E. coli

Enterococci

Fecal Coliforms

M

GISD0067

12/19/22

1020

Grab

X

X

X

X

X

X

Bottle Lot #

Samples are ambient water

Okay to Run  
As Is

Client Initial:

2022-11-14-44  
RQ-2021Samples On  
Ice

Yes No

Relinquished By/Affiliation

Date

Time

Accepted By/Affiliation

Date

Time

Monica Jaeger

12/19/22

1236

Date of Request: 24-OCT-2022  
 Created By: MULLEN\_W On: 24-OCT-2022  
 Modified By: JASROTIA\_P On: 26-OCT-2022  
 Customer: SO-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: South District  
 Event Description: 2022 SMP : Rookery Bay

**Send Coolers To:**

Phone: 239-344-5716 ext. 85716  
 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: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 26-OCT-2022  
 Biology Request Reviewed By: JASROTIA\_P On: 26-OCT-2022  
 Sampling Kit Required: YES Ship on: 04-NOV-2022  
 Sampling Kit Shipped: YES On: 03-NOV-2022  
 Sampling Kit Packed By: ROBERTS\_Z  
 Preservatives Needed: NO  
 Date to Receive Samples: 21-NOV-2022  
 Logged In By: PENDLETO\_C On: 13-DEC-2022

**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: (Rock Creek) Enter, PCR, Tracers, W-TR-SQ-R, W-PSNP-TQ  
 Group B: (Rookery Sites) E. coli, Enter, Fecal, W-TR-SQ-R, W-PSNP-TQ  
 Group C: Tracers BLANK

#####  
 W-TR-SQ-R (sunscreens)

Wash your hands thoroughly and wear gloves. Refrain from using sunscreens on the day of sample collection.

#####

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

|                             |                      |                                                                                                                                               |
|-----------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: QPCR-P-500ML   | Number of Bottles: 1 | Preserved With: ICE                                                                                                                           |
| PCR-BACR                    | Template: DEFAULT    | (SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction |
| PCR-DG3                     | Template: DEFAULT    | (SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction      |
| PCR-HF183                   | Template: DEFAULT    | (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction     |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                                                           |
| SD-SND-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by Sanders in Fort Myers                                                                         |
| Bottle Type: BG-500ML       | Number of Bottles: 1 | Preserved With: ICE                                                                                                                           |
| W-E8321-DI                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                       |
| W-E8321-MS                  | Template: SMP        | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                       |
| Bottle Type: BG-1L          | Number of Bottles: 4 | Preserved With: ICE                                                                                                                           |
| W-PSNP-TQ                   | Template: DEFAULT    | (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS                                                            |
| W-TR-SQ-R                   | Template: DEFAULT    | (EPA 8270E) Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM                                                        |

**Bottle Group B (Water) With 4 Samples:**

|                             |                      |                                                                       |
|-----------------------------|----------------------|-----------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 4 | Preserved With: ICE                                                   |
| SD-SND-ECQ                  | Template: DEFAULT    | (Colilert-18) E. coli by Colilert-18/QT by Sanders in Fort Myers      |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 8 | Preserved With: ICE                                                   |
| SD-SND-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by Sanders in Fort Myers |
| SD-SND-FC                   | Template: DEFAULT    | (SM 9222 D) Fecal coliforms by MF by Sanders in Fort Myers            |
| Bottle Type: BG-1L          | Number of Bottles: 8 | Preserved With: ICE                                                   |

**Bottle Group B (Water) With 4 Samples:**

|                    |                      |                                                                                        |
|--------------------|----------------------|----------------------------------------------------------------------------------------|
| Bottle Type: BG-1L | Number of Bottles: 8 | Preserved With: ICE                                                                    |
| W-PSNP-TQ          | Template: DEFAULT    | (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS     |
| W-TR-SQ-R          | Template: DEFAULT    | (EPA 8270E) Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM |

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

|                       |                      |                                                                                         |
|-----------------------|----------------------|-----------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML | Number of Bottles: 1 | Preserved With: ICE                                                                     |
| W-E8321-DI            | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |
| W-E8321-MS            | Template: SMP        | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |

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