

RQ-2021-09-13-49

## Login Checklist

Login Station ID: #2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 9/14/2021 9:40

| *Cooler Temperature | Samples Frozen?<br>YES | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|------------------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                        | HNO <sub>3</sub>                       | Formalin |                                       | Present?      |    | *Intact? |    |                    |
|                     |                        |                                        |          |                                       | Yes           | No | Yes      | No |                    |
| 1.3                 |                        |                                        |          | 13                                    |               | ✓  |          |    | 9293 8013 3140     |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO<sub>3</sub> and Formalin preserved samples do NOT have a temperature requirement.

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

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No ☐

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

Yes ☒ No ☐

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes ☐ No ☐ NA ☒Evidence Tape intact? Yes ☐ No ☐

If Criminal, photographs taken?

Yes ☐ No ☐Containers intact? Yes ☒ No ☐

Caps on tight?

Yes ☒ No ☐

Sufficient Sample Volume:

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

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes ☐ No ☒ Init: IM

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: IM

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

Yes ☐ No ☐ NA ☒ Init: IM

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

Coolers Unpacked/Checked by: IM

Date: 9/14/2021

Event contains NCRs (Y/N)? ☒

Event ID:

2021 SMP : Charlotte Harbor

SQ-DIST-2021-09-14-01 (SMP)

Date Received: 14-SEP-2021 09:40

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

|                          |                             |
|--------------------------|-----------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #2 exp:10/28/21 |
| pH Test Strips 0 – 6     |                             |
| pH Paper 0 – 3           |                             |
| pH Paper 0 – 13          | 219019 exp: 7/1/22          |
| Chlorine Test Strips     | 0129 exp: 03/2023           |

### 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:** 9/13/2021  
**Customer:** SO-DIST  
**RQ:** RQ-2021-09-13-49

**Collected By:** Gary Snorek, Monica Jaeger  
**Sampling Agency:** FDEP  
**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                                                                                  |
|--------------------------------------------|--------------------------------------------------------------------------------------------------|
| MYAKKA CUTOFF (WESTERN PORTION)            | <br>G3SD0073   |
| TRAILER PARK CANAL                         | <br>G3SD0072   |
| Coral Creek (East) Upstream of Golf Course | <br>G2SD0039 |
| CoralCreekEast                             | <br>G2SD0046 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 9/13/2021  
1500 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:

IM

Rec'd/Inspected

Date:

9/14/21



|                                                                                                                                 |                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| RQ-2021-09-13-49                                                                                                                | Collected By: Gary Snorek, Monica Jaeger                          |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Gary Snorek, Monica Jaeger              |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                             |
| WIN ID/Field ID: <br>WIN ID/Field ID: G3SD0073 | Comments: Microbiology sample(s) submitted to contract laboratory |

Location:

Location: MYAKKA CUTOFF (WESTERN PORTION)

Matrix: Marine

(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) |  |  |  |
|------------------------------------|-----------|-------------------------------------------------------------------------------------------------|----------|------|------------------|--------------|-----------------|-----------------------|----------------|--|--|--|
| 9/13/2021 935                      | 4.27      | 59.1                                                                                            | 29.5     | 7.36 | 0.3              | 0.8          | 0.8             | 16829                 | 9.82           |  |  |  |
| Parameter Suite                    |           | Parameter Methods                                                                               |          |      | Preservation     |              | pH Check        | # Bottles sent to Lab | Bottle Group   |  |  |  |
| Preserved Nutrients (P-500ML)      |           | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                                     |          |      | Ice              |              | <2              |                       |                |  |  |  |
|                                    |           | Lot # Exp:                                                                                      |          |      |                  |              |                 |                       |                |  |  |  |
| Metals (P-500ML)                   |           | W-ICPMS W-ICP W-HARD                                                                            |          |      | Ice              |              | <2              |                       |                |  |  |  |
|                                    |           | Lot # Exp:                                                                                      |          |      |                  |              |                 |                       |                |  |  |  |
| Filtered Nutrients (P125ML)        |           | W-PO4-F Field Filtered 0.45 µm Filter                                                           |          |      | Ice              |              |                 |                       |                |  |  |  |
|                                    |           | Filter Lot # Syringe Lot #                                                                      |          |      |                  |              |                 |                       |                |  |  |  |
| Chlorophyll (BP-1L)                |           | CHLSUITE-W                                                                                      |          |      | Ice              |              |                 |                       |                |  |  |  |
| Physical/Aggregate (Fresh) (P-1L)  |           | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS                     |          |      | Ice              |              |                 |                       |                |  |  |  |
| Physical/Aggregate (Marine) (P-1L) |           | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                                                  |          |      | Ice              |              |                 |                       |                |  |  |  |
| Macroinvertebrates (PJ-2L)         |           | MI-FW-QLDC Formalin Lot #                                                                       |          |      | Formalin         |              |                 |                       |                |  |  |  |
| Periphyton (PT-50ML)               |           | ALGAE-ID                                                                                        |          |      | Ice              |              |                 |                       |                |  |  |  |
| Microbiology (Contract Lab Bottle) |           | E Coli X F Coli X Enterococci X Contract Lab                                                    |          |      | x Ice            |              |                 |                       |                |  |  |  |
| Molecular (QPCR-P-500ML)           |           | PCR-HF183 PCR-BacR PCR-DG3 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 W-PCL-TQ-R W-CARB-AA (5 ml of MCAA** Buffer Solution) W-CT-CL-R |          |      | Ice              |              |                 |                       |                |  |  |  |
| Phytoplankton                      |           | DTY-QN-C PKD-QN-BV                                                                              |          |      | Ice              |              |                 |                       |                |  |  |  |



RQ-2021-09-13-49

Collected By: Gary Snorek, Monica Jaeger

Customer: FDEP

Field Report Prepared by: Gary Snorek, Monica Jaeger

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



Comments: Microbiology sample(s) submitted to contract laboratory

WIN ID/Field ID: G3SD0072

Location:

Location: TRAILER PARK CANAL

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 <sub>h</sub> ) |                       |              |   |    |   |   |     |   |   |
|------------------------------------|-----------|------------------------------------------------------------------------------|----------------|-----------|---------------------------------------------|--------------|-----------------|---------------------|------------------------------|-----------------------|--------------|---|----|---|---|-----|---|---|
| 9/13/2021 955                      | 4.23      | 58.6                                                                         | 30             | 7.38      | 0.3                                         | 0.6          | 0.6             | 14679               | 8.47                         |                       |              |   |    |   |   |     |   |   |
| 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:         |                 | 4/30/22             |                              |                       |              |   |    |   |   |     |   |   |
| Metals (P-500ML)                   | X         | W-ICPMS                                                                      |                | X         | W-ICP                                       | W-HARD       |                 | X                   | Ice                          | X                     | HNO3*        | X | <2 | 1 | A |     |   |   |
|                                    |           | Lot #                                                                        |                | NA0344060 |                                             | Exp:         |                 | 1/4/22              |                              |                       |              |   |    |   |   |     |   |   |
| Filtered Nutrients (P125ML)        | X         | W-PO4-F                                                                      |                | X         | Field Filtered 0.45 µm 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)  |           | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                |           |                                             |              | Ice             |                     |                              |                       |              |   |    |   |   |     |   |   |
| Physical/Aggregate (Marine) (P-1L) | X         | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                               |                |           |                                             | x            | Ice             |                     |                              |                       |              |   |    |   | 1 | A   |   |   |
| 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 | A |
|                                    | X         | 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                 |                              |                       |              |   |    |   |   |     |   |   |



RQ-2021-09-13-49

Collected By: Gary Snorek, Monica Jaeger

Customer: FDEP

Field Report Prepared by: Gary Snorek, Monica Jaeger

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G2SD0039

Comments: Microbiology sample(s) submitted to contract laboratory

Location:

Location: Coral Creek (East) Upstream of Golf Course

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 (PPTH) |                       |              |     |    |   |  |
|------------------------------------|-----------|----------------------------------------------------------------------------|---------|-------------------------------------------------------------|-------------------------------|--------------|-----------------|---------------------|-----------------|-----------------------|--------------|-----|----|---|--|
| 9/13/2021 1125                     | 4.45      | 67.3                                                                       | 30.8    | 7.92                                                        | 0.3                           | 0.3          | 1.1             | 34959               | 21.85           |                       |              |     |    |   |  |
| Parameter Suite                    |           | Parameter Methods                                                          |         |                                                             |                               | Preservation |                 | pH Check            |                 | # Bottles sent to Lab | Bottle Group |     |    |   |  |
| Preserved Nutrients (P-500ML)      | X         | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                |         |                                                             |                               | X            | Ice             | X                   | H2SO4*          | X                     | <2           | 1   | B  |   |  |
|                                    |           | Lot #                                                                      |         | SA1105060                                                   |                               | Exp:         |                 | 4/30/22             |                 |                       |              |     |    |   |  |
| 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   | B  |   |  |
|                                    |           | Filter Lot #                                                               |         | 17162587                                                    |                               |              |                 |                     |                 |                       |              |     |    |   |  |
|                                    |           | Syringe Lot #                                                              |         | 1091364                                                     |                               |              |                 |                     |                 |                       |              |     |    |   |  |
| Chlorophyll (BP-1L)                | X         | CHLSUITE-W                                                                 |         |                                                             |                               |              | x               | Ice                 | 1               |                       |              | B   |    |   |  |
| Physical/Aggregate (Fresh) (P-1L)  |           | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS |         |                                                             |                               |              |                 | Ice                 | 1               |                       |              | B   |    |   |  |
| Physical/Aggregate (Marine) (P-1L) | X         | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY                             |         |                                                             |                               |              | x               | Ice                 | 1               |                       |              | B   |    |   |  |
| 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 |  |
|                                    | X         | 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 <sup>(1)</sup> ) |                               | W-CT-CL-R    |                 |                     |                 |                       |              |     |    |   |  |
| Phytoplankton                      |           | DTY-QN-C                                                                   |         | PKD-QN-BV                                                   |                               |              |                 |                     | Ice             |                       |              |     |    |   |  |



|                                                                                                                                               |                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| RQ-2021-09-13-49                                                                                                                              | <b>Collected By:</b> Gary Snorek, Monica Jaeger                          |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Gary Snorek, Monica Jaeger              |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                             |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G2SD0046 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory |

**Location:**  
**Location:** CoralCreekEast

**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 <sub>h</sub> ) |                       |              |   |     |     |  |
|------------------------------------|-----------|-----------------------------------------------------------------------------|------------------------------------------------|---------------------------------------------|------------------|-------------------------------|-----------------|---------------------|------------------------------|-----------------------|--------------|---|-----|-----|--|
| 9/13/2021 1240                     | 3.42      | 50.6                                                                        | 30.7                                           | 7.68                                        | 0.3              | 0.5                           | 0.8             | 26680               | 16.23                        |                       |              |   |     |     |  |
| Parameter Suite                    |           | Parameter Methods                                                           |                                                |                                             |                  | Preservation                  |                 | pH Check            |                              | # Bottles sent to Lab | Bottle Group |   |     |     |  |
| Preserved Nutrients (P-500ML)      |           | X                                                                           | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP    |                                             |                  | X                             | Ice             | X                   | H2SO4*                       | X                     | <2           | 1 | B   |     |  |
|                                    |           | Lot #                                                                       |                                                | SA1105060                                   |                  | Exp:                          |                 | 4/30/22             |                              |                       |              |   |     |     |  |
| Metals (P-500ML)                   |           |                                                                             | W-ICPMS                                        |                                             |                  | W-ICP                         |                 |                     | Ice                          |                       | HNO3*        |   | <2  |     |  |
|                                    |           | Lot #                                                                       |                                                |                                             | Exp:             |                               |                 |                     |                              |                       |              |   |     |     |  |
| Filtered Nutrients (P125ML)        |           | X                                                                           | W-PO4-F                                        |                                             | X                | Field Filtered 0.45 µm Filter |                 |                     | x                            | Ice                   |              | 1 | B   |     |  |
|                                    |           | Filter Lot #                                                                |                                                |                                             | 17162587         |                               |                 |                     |                              |                       |              |   |     |     |  |
|                                    |           | Syringe Lot #                                                               |                                                |                                             | 1091364          |                               |                 |                     |                              |                       |              |   |     |     |  |
| Chlorophyll (BP-1L)                |           | X                                                                           | CHLSUITE-W                                     |                                             |                  | x                             | Ice             |                     |                              |                       | 1            | B |     |     |  |
| Physical/Aggregate (Fresh) (P-1L)  |           | Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS |                                                |                                             |                  | Ice                           |                 |                     |                              |                       |              |   |     |     |  |
| Physical/Aggregate (Marine) (P-1L) |           | X                                                                           | Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY |                                             |                  | x                             | 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 |  |
|                                    |           | X                                                                           | Contract Lab                                   |                                             |                  |                               |                 |                     |                              |                       |              |   |     |     |  |
| Molecular (QPCR-P-500ML)           |           | PCR-HF183                                                                   |                                                | PCR-BacR                                    |                  |                               | PCR-DG3         |                     |                              |                       |              |   | Ice |     |  |
|                                    |           | 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                     |                 | 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                 |                              |                       |              |   |     |     |  |

Benchmark EnviroAnalytical, Inc.  
1001 Corporate Ave. Suite 102  
North Port, FL 34289  
(941) 625-3137 / (941) 240-3071 fax

BEAS Sample Receipt Temp. 31.7 °C

Checked at Benchmark EA South E85086  
With Temperature Gun ID #7

Client Name: FDEP

Address: 2600 Blair Stone Rd.  
Tallahassee, FL, 32399

Phone: (239) 344-5719

Email: dep-overflowmicro@dep.state.fl.us

Bill to: Frances Moore

P.O. #: Lab B95341

Project Name: RQ-2021-09-13-49  
Project Run/Location: Cher Harbor

Laboratory Submission #: S21090344

| Station ID | Surface Water Sample Matrix <sup>2</sup> | Enterococci                                                 |              |              | Laboratory Sample # |
|------------|------------------------------------------|-------------------------------------------------------------|--------------|--------------|---------------------|
|            | (Fresh / Marine)                         | E.coli (SM9223B Quantitray)                                 |              |              |                     |
|            | Sample Type                              |                                                             |              |              |                     |
|            |                                          | E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL |              |              |                     |
| G3SD0072   | F / (M) / Grab                           | E. coli / (Enter) / Fecal coliform                          | Date & Time: | 9/13/21 0955 | 1                   |
| G3SD0073   | F / (M) / Grab                           | E. coli / (Enter) / Fecal coliform                          | Date & Time: | 9/13/21 0935 | 2                   |
| G2SD0039   | F / (M) / Grab                           | E. coli / (Enter) / Fecal coliform                          | Date & Time: | 9/13/21 1125 | 3                   |
| G2SD0046   | F / (M) / Grab                           | E. coli / (Enter) / Fecal coliform                          | Date & Time: | 9/13/21 1240 | 4                   |
|            | F / M / Grab                             | E. coli / Entero / Fecal coliform                           | Date & Time: |              |                     |
|            | F / M / Grab                             | E. coli / Entero / Fecal coliform                           | Date & Time: |              |                     |
|            | F / M / Grab                             | E. coli / Entero / Fecal coliform                           | Date & Time: |              |                     |
|            | F / M / Grab                             | E. coli / Entero / Fecal coliform                           | Date & Time: |              |                     |
|            | F / M / Grab                             | E. coli / Entero / Fecal coliform                           | Date & Time: |              |                     |
|            | F / M / Grab                             | E. coli / Entero / Fecal coliform                           | Date & Time: |              |                     |
|            | F / M / Grab                             | E. coli / Entero / Fecal coliform                           | Date & Time: |              |                     |

1. "Sample Type" is used to indicate whether the sample was a grab (G) or whether it was a composite (C).

2. "Sample Matrix" is used to indicate whether the sample is being discharged to drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SDMNT), or sludge (SLDG).

3. "Container Type" is used to indicate whether the container is plastic (P) or glass (G).

4. Sample must be refrigerated or stored in wet ice after collection. The maximum temperature during storage should be 6°C (42.8°F). Under "Preservative," list any preservatives that were added to the sample container.

Instructions:

1. Each bottle has a label identifying sample ID, preservative contained in the bottle, sample type, client ID, and parameters for analysis.

2. The following information should be added to each bottle label after collection with permanent black ink: date and time of collection, sampler's name or initials, and any field number or ID.

3. All bottles not containing preservative may be rinsed with appropriate sample prior to collection.

4. The client is responsible for documentation of the sampling event. Please note special sampling events on the sample custody form.

Laboratory Sample Acceptability:

pH < 2 : 0 BEAS Temperature: 31.7 °C

|   |                            |                      |                   |                                          |                      |                   |
|---|----------------------------|----------------------|-------------------|------------------------------------------|----------------------|-------------------|
| 1 | Collector: <u>G. Smith</u> | Date: <u>9/13/21</u> | Time: <u>1339</u> | Received By: <u>Michelle M. Murchant</u> | Date: <u>9/13/21</u> | Time: <u>1339</u> |
| 2 | Relinquished by:           | Date:                | Time:             | Received By:                             | Date:                | Time:             |
| 3 | Relinquished by:           | Date:                | Time:             | Received By:                             | Date:                | Time:             |
| 4 | Relinquished by:           | Date:                | Time:             | Received By:                             | Date:                | Time:             |
| 5 | Relinquished by:           | Date:                | Time:             | Received By:                             | Date:                | Time:             |

Date of Request: 30-AUG-2021  
 Created By: MULLEN\_W On: 30-AUG-2021  
 Modified By: JASROTIA\_P On: 31-AUG-2021  
 Customer: SO-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: South District  
 Event Description: 2021 SMP : Charlotte Harbor

**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: WATTS\_J On: 30-AUG-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 31-AUG-2021  
 Sampling Kit Required: YES Ship on: 03-SEP-2021  
 Sampling Kit Shipped: YES On: 02-SEP-2021  
 Sampling Kit Packed By: MCCOY\_I  
 Preservatives Needed: NO  
 Date to Receive Samples: 13-SEP-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;Ga  
 ry.Snorek@dep.state.fl.us;William.Mullen@FloridaDEP.gov;Moni  
 ca.Jaeger@FloridaDEP.gov;Thomas.J.Baker@FloridaDEP.gov

Comments: Group A: (Trailer) Marine Metals, Marine Nutrients, Entero, Fecal  
 Group B: (Coral x2) Marine Nutrients, Entero, Fecal  
 Group C: (Cutoff): Entero, Fecal

**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-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| SD-BES-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by BEA South in North Port                                                                        |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| SD-BES-FC                   | Template: DEFAULT    | (SM 9222 D) Fecal coliforms by MF by BEA South in North Port                                                                                   |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| W-ICP                       | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Calcium                     |                      |                                                                                                                                                |
| Iron                        |                      |                                                                                                                                                |
| Magnesium                   |                      |                                                                                                                                                |
| Manganese                   |                      |                                                                                                                                                |
| Zinc                        |                      |                                                                                                                                                |
| W-ICPMS                     | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| Aluminum                    |                      |                                                                                                                                                |
| Antimony                    |                      |                                                                                                                                                |
| Arsenic                     |                      |                                                                                                                                                |
| Beryllium                   |                      |                                                                                                                                                |

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

|                      |                      |                                                                                                                             |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                                                        |
| W-ICPMS              | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects |
| Cadmium              |                      |                                                                                                                             |
| Chromium             |                      |                                                                                                                             |
| Copper               |                      |                                                                                                                             |
| Lead                 |                      |                                                                                                                             |
| 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 Type: P-125ML | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                               |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

**Bottle Group B (Water) With 2 Samples:**

|                             |                      |                                                                                                              |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| SD-BES-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by BEA South in North Port                                      |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| SD-BES-FC                   | Template: DEFAULT    | (SM 9222 D) Fecal coliforms by MF by BEA South in North Port                                                 |
| Bottle Type: P-500ML        | Number of Bottles: 2 | Preserved With: ICE And H2SO4                                                                                |
| W-NH3                       | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |
| W-NO2NO3                    | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                           |
| W-S-A-TP                    | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                          |
| W-TKN                       | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                             |
| W-TOC                       | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                                             |
| Bottle Type: P-125ML        | Number of Bottles: 2 | Preserved With: FILTER-ICE                                                                                   |
| W-PO4-F                     | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |
| Bottle Type: P-1L           | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                                |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| W-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: 2 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |

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

|                             |                      |                                                                         |
|-----------------------------|----------------------|-------------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                     |
| SD-BES-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by BEA South in North Port |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                     |
| SD-BES-FC                   | Template: DEFAULT    | (SM 9222 D) Fecal coliforms by MF by BEA South in North Port            |