

# Login Checklist

RQ-2023-08-21-20

Login Station ID: #4

Shipping Method: ☒ FedEx | ☐ UPS | ☐ HD | ☐ Greyhound

Date/Time of Receipt: 08/ 23 /2023@09:10

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 0.3                 |                 |                                        |          | 3                                     |               | X  |          |    | 648484573688       |
|                     |                 |                                        |          |                                       |               |    |          |    | 648484573699       |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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: TL

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No ☒ Init: TL

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# \_\_\_\_\_

## PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

\*\*Acid Preserved Samples: pH < 2.0?

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

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

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

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

Coolers Unpacked/Checked by: TL

Date: 08/ 23 /2023 Event contains NCRs (Y/N)? N

Event ID: SO-DIST-2023-08-24-01

## Login Checklist

**Login Preservation Equipment**

**Lot # & Exp: Date**

**Additional Comments:**

|                                 |                                 |
|---------------------------------|---------------------------------|
| <b>Infrared Thermometer ID:</b> | IR TEMP GUN #4 Exp:10/17/2023   |
| <b>pH Test Strips 0 – 6</b>     | LOT# 223819AV Exp: AUG 30, 2023 |
| <b>pH Paper 0 – 3</b>           | N/A                             |
| <b>pH Paper 0 – 13</b>          | LOT# 207621 Exp: March 15, 2024 |
| <b>Chlorine Test Strips</b>     | LOT# 1196 Exp: Feb. 2024        |

### 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:** 8/23/2023      **Collected By:** Nicole Reistad, Monica Jaeger  
**Customer:** SO-DIST      **Sampling Agency:** FDEP  
**RQ:** RQ-2023-08-21-20      **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                                                                                  |
|--------------------------------|--------------------------------------------------------------------------------------------------|
| HATCHETT CREEK TIDAL 2         | <br>G3SD0192   |
| HATCHETTCREEKATGROVESTN        | <br>G3SD0194   |
| HATCHETT CREEK AT PINEBROOK RD | <br>G3SD0103 |
| ALLIGATOR CREEK AT INFLOW      | <br>G2SD0053 |
| LEMON BAY AT SOVENICE RAMP     | <br>G2SD0054 |

RELINQUISHED BY(SIGNATURE):

DATE/TIME: 8/23/2023

1400 EST



**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:** TL

**Rec'd/Inspected** 8/24/23  
**Date:**



RQ-2023-08-21-20

Customer: FDEP

Project ID: SMP

Collected By: Nicole Reistad, Monica Jaeger

Field Report Prepared by: Nicole Reistad, Monica Jaeger

Sampling Agency: FDEP

Comments: Microbiology sample(s) submitted to contract laboratory.

WIN ID/Field ID:



WIN ID/Field ID: G3SD0192

Location: HATCHETT CREEK TIDAL 2

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)        |              |   |   |
|------------------------------------|-------------------|---------------------------------------------------------------------------|------------------------------------------|-------------------------------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|---|---|
| 8/23/2023<br>930                   | 4.42              | 72.2                                                                      | 31.9                                     | 7.52                          | 0.3              |              | 0.9             | 50434               | 32.85                 |              |   |   |
| 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 | A |
|                                    |                   | Lot #                                                                     |                                          | SA3013020                     | Exp:             | 01/25/2024   |                 |                     |                       |              |   |   |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                   |                                          | W-ICP                         | W-HARD           | Ice          | HNO3*           |                     | <2                    |              |   |   |
|                                    |                   | Lot #                                                                     |                                          | Exp:                          |                  |              |                 |                     |                       |              |   |   |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                   |                                          | Field Filtered 0.45 µm Filter |                  | Ice          |                 |                     |                       |              |   |   |
|                                    |                   | Filter Lot #                                                              | Syringe Lot #                            |                               |                  |              |                 |                     |                       |              |   |   |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                |                                          |                               |                  | Ice          |                 |                     |                       |              |   |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                |                                          |                               |                  | X            | Ice             |                     |                       | 1            | A |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS |                                          |                               |                  | X            | Ice             |                     |                       | 1            | A |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-F / W-TSS / TURBIDITY                                      |                                          |                               |                  |              | Ice             |                     |                       |              |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                | Formalin Lot #                           |                               |                  | Formalin     |                 |                     |                       |              |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                  |                                          |                               |                  | Ice          |                 |                     |                       |              |   |   |
| Microbiology (Contract Lab Bottle) |                   | E Coli                                                                    | F Coli                                   | X                             | Enterococci      | X            | Ice             |                     |                       | 1            | A |   |
|                                    | X                 | Contract Lab                                                              |                                          |                               |                  |              |                 |                     |                       |              |   |   |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                 |                                          | PCR-BacR                      | PCR-DG3          | Ice          |                 |                     |                       |              |   |   |
|                                    |                   | PCR-GULL2                                                                 |                                          | PCR-GFD                       |                  |              |                 |                     |                       |              |   |   |
| Tracers (BG-500ML)                 |                   | W-E8321-D1                                                                |                                          | W-E8321-MS                    |                  | Ice          |                 |                     |                       |              |   |   |
|                                    |                   | W-E8321-D1                                                                | W-E8321-MS                               | W-PSNP-TQ                     |                  |              | MCAA Exp.       | MCAA Lot#           |                       |              |   |   |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-PCL-TQ-R                                                                | W-CARB-AA (5 ml of MCAA Buffer Solution) |                               | W-CT-CL-R        | Ice          |                 |                     |                       |              |   |   |
|                                    |                   | W-TR-SQ-R                                                                 | W-PCB-TQ-R                               |                               |                  |              |                 |                     |                       |              |   |   |
| Phytoplankton (BP-1L)              |                   | DTY-QN-C                                                                  |                                          | PKD-QN-BV                     |                  | Ice          |                 |                     |                       |              |   |   |
| DOC (P-500ML)                      |                   | W-DOC                                                                     | Field Filtered 0.45 µm Filter            |                               | Ice              | H2SO4*       |                 | <2                  |                       |              |   |   |
|                                    |                   | Acid Preservative Expiration Date                                         |                                          |                               |                  |              |                 |                     |                       |              |   |   |
|                                    |                   | Acid Preservative Lot Number                                              |                                          |                               |                  |              |                 |                     |                       |              |   |   |



|                  |                                                         |
|------------------|---------------------------------------------------------|
| RQ-2023-08-21-20 | 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:   
WIN ID/Field ID: G3SD0194

Comments: Microbiology sample(s) submitted to contract laboratory.

Location: HATCHETTCREEKATGROVESTN

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 (PPTH) |                       |              |  |  |  |  |  |
|------------------------------------|-----------|------------------------------------------------------------------------------|------------------------------------------|-----------------------------------|------------------|--------------|-----------------|---------------------|-----------------|-----------------------|--------------|--|--|--|--|--|
| 8/23/2023 1000                     | 0.86      | 13.3                                                                         | 31.2                                     | 7.27                              | 0.3              | 0.7          | 0.7             | 43082               | 27.54           |                       |              |  |  |  |  |  |
| 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          |                 | 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- 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  | x Ice           |                     | 1               | 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             |                     | MCAA Exp.       | MCAA Lot#             |              |  |  |  |  |  |
|                                    |           | W-PCL-TQ-R                                                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) |                                   | W-CT-CL-R        |              |                 |                     |                 |                       |              |  |  |  |  |  |
|                                    |           | W-TR-SQ-R                                                                    |                                          | W-PCB-TQ-R                        |                  |              |                 |                     |                 |                       |              |  |  |  |  |  |
| Phytoplankton (BP-1L)              |           | DTY-QN-C                                                                     |                                          | PKD-QN-BV                         |                  |              | Ice             |                     |                 |                       |              |  |  |  |  |  |
| DOC (P-500ML)                      |           | W-DOC                                                                        |                                          | Field Filtered 0.45 um Filter     |                  | Ice          |                 | H2SO4*              | <2              |                       |              |  |  |  |  |  |
|                                    |           |                                                                              |                                          | Acid Preservative Expiration Date |                  |              |                 |                     |                 |                       |              |  |  |  |  |  |
|                                    |           |                                                                              |                                          | Acid Preservative Lot Number      |                  |              |                 |                     |                 |                       |              |  |  |  |  |  |



|                  |                                                         |
|------------------|---------------------------------------------------------|
| RQ-2023-08-21-20 | 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:   
WIN ID/Field ID: G3SD0103

Comments:

Location: HATCHETT CREEK AT PINEBROOK RD

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time {EST}                | DO (mg/L)                                                                 | DO (%SAT)                                | Temp. °C   | pH          | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm)   | Salinity (PPTH) |           |           |   |   |
|------------------------------------|---------------------------------------------------------------------------|------------------------------------------|------------|-------------|------------------|--------------|-----------------|-----------------------|-----------------|-----------|-----------|---|---|
| 8/23/2023 1025                     | 2.24                                                                      | 28.3                                     | 27.3       | 7.67        | 0.1              | 0.2          | 0.2             | 1034                  | 0.51            |           |           |   |   |
| 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 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 µm 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-CHC / 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     | Enterococci | Ice              |              |                 |                       |                 |           |           |   |   |
| 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   |                  | x Ice        |                 |                       |                 | MCAA Exp. | MCAA Lot# | 4 | C |
|                                    | x W-PCL-TQ-R                                                              | W-CARB-AA (5 ml of MCAA Buffer Solution) |            | x W-CT-CL-R |                  |              |                 |                       |                 |           |           |   |   |
|                                    | W-TR-SQ-R                                                                 | x                                        | W-PCB-TQ-R |             |                  |              |                 |                       |                 |           |           |   |   |
| Phytoplankton (BP-1L)              | DTY-QN-C                                                                  |                                          | PKD-QN-BV  |             | Ice              |              |                 |                       |                 |           |           |   |   |
| DOC (P-500ML)                      | W-DOC                                                                     | Field Filtered 0.45 µm Filter            |            |             | Ice              | H2SO4*       | <2              |                       |                 |           |           |   |   |
|                                    |                                                                           | Acid Preservative Expiration Date        |            |             |                  |              |                 |                       |                 |           |           |   |   |
|                                    |                                                                           | Acid Preservative Lot Number             |            |             |                  |              |                 |                       |                 |           |           |   |   |



|                  |                                                         |
|------------------|---------------------------------------------------------|
| RQ-2023-08-21-20 | 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:   
WIN ID/Field ID: G2SD0053

Comments:

Location: ALLIGATOR CREEK AT INFLOW

Matrix: Fresh

(Check One)

☒ Grab

☐ Composite

| Date and Time {EST}                | DO (mg/L) | DO (%SAT)                                                                   | Temp. °C       | pH          | Sample Depth (m)                         | Secchi Depth | Total Depth (m) | Sp COND (µmhos/cm)    | Salinity (PPTH)         |                     |   |   |  |  |  |  |
|------------------------------------|-----------|-----------------------------------------------------------------------------|----------------|-------------|------------------------------------------|--------------|-----------------|-----------------------|-------------------------|---------------------|---|---|--|--|--|--|
| 8/23/2023 1050                     | 3.31      | 44.1                                                                        | 30.2           | 7.64        | 0.2                                      | 0.4          | 0.4             | 941                   | 0.46                    |                     |   |   |  |  |  |  |
| 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                                      |              | H2SO4*          | <2                    |                         |                     |   |   |  |  |  |  |
|                                    |           | Lot #                                                                       |                | Exp:        |                                          |              |                 |                       |                         |                     |   |   |  |  |  |  |
| Metals (P-500ML)                   |           | W-ICPMS                                                                     |                |             | W-ICP                                    |              | W-HARD          | Ice                   | HNO3*                   |                     |   |   |  |  |  |  |
|                                    |           | Lot #                                                                       |                | Exp:        |                                          |              |                 |                       |                         |                     |   |   |  |  |  |  |
| Filtered Nutrients (P125ML)        |           | W-PO4-F                                                                     |                |             | Field Filtered 0.45 µm Filter            |              |                 |                       |                         |                     |   |   |  |  |  |  |
|                                    |           | 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-Cl-IC / 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         | Enterococci | Ice                                      |              |                 |                       |                         |                     |   |   |  |  |  |  |
|                                    |           | Contract Lab                                                                |                |             |                                          |              |                 |                       |                         |                     |   |   |  |  |  |  |
| Molecular (QPCR-P-500ML)           |           | PCR-HF183                                                                   | PCR-BacR       | PCR-DG3     | Ice                                      |              |                 |                       |                         |                     |   |   |  |  |  |  |
|                                    |           | PCR-GULL2                                                                   | PCR-GFD        |             |                                          |              |                 |                       |                         |                     |   |   |  |  |  |  |
| Tracers (BG-500ML)                 |           | W-E8321-DI                                                                  |                |             | W-E8321-MS                               |              |                 |                       |                         |                     |   |   |  |  |  |  |
| Pesticides (BG-500ML) (BG-1L)      |           | X                                                                           | W-E8321-DI     | X           | W-E8321-MS                               | X            | W-PSNP-TQ       | Ice                   | MCAA Exp.<br>07/13/2024 | MCAA Lot#<br>143355 | 8 | D |  |  |  |  |
|                                    |           | X                                                                           | W-PCL-TQ-R     | X           | W-CARB-AA (5 ml of MCAA Buffer Solution) | X            | W-CT-CL-R       |                       |                         |                     |   |   |  |  |  |  |
|                                    |           | X                                                                           | W-TR-SQ-R      | X           | W-PCB-TQ-R                               |              |                 |                       |                         |                     |   |   |  |  |  |  |
| Phytoplankton (BP-1L)              |           | DTY-QN-C                                                                    |                |             | PKD-QN-BV                                |              | Ice             |                       |                         |                     |   |   |  |  |  |  |
| DOC (P-500ML)                      |           | W-DOC                                                                       |                |             | Field Filtered 0.45 µm Filter            |              | Ice             | H2SO4*                | <2                      |                     |   |   |  |  |  |  |
|                                    |           |                                                                             |                |             | Acid Preservative Expiration Date        |              |                 |                       |                         |                     |   |   |  |  |  |  |
|                                    |           |                                                                             |                |             | Acid Preservative Lot Number             |              |                 |                       |                         |                     |   |   |  |  |  |  |



|                  |                                                         |
|------------------|---------------------------------------------------------|
| RQ-2023-08-21-20 | 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:   
WIN ID/Field ID: G2SD0054

Comments: Microbiology sample(s) submitted to contract laboratory.

Location: LEMON BAY AT SOVENICE RAMP

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 (PPTH)       |              |  |  |
|------------------------------------|-----------|------------------------------------------------------------------------------|----------|------------------------------------------|------------------|-------------------------------|-----------------|---------------------|-----------------------|--------------|--|--|
| 8/23/2023<br>1125                  | 4.15      | 65.9                                                                         | 30.8     | 7.59                                     | 0.3              | 0.8                           | 0.8             | 47874               | 31.01                 |              |  |  |
| 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                           |                 | H2SO4*              | <2                    |              |  |  |
|                                    |           | Lot #                                                                        |          | Exp:                                     |                  |                               |                 |                     |                       |              |  |  |
| Metals (P-500ML)                   |           | W-ICPMS                                                                      |          |                                          |                  | Ice                           |                 | HNO3*               | <2                    |              |  |  |
|                                    |           | Lot #                                                                        |          | Exp:                                     |                  |                               |                 |                     |                       |              |  |  |
| Filtered Nutrients (P125ML)        |           | W-PO4-F                                                                      |          |                                          |                  | Field Filtered 0.45 um Filter |                 |                     |                       |              |  |  |
|                                    |           | 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-Cl-IC / 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         |                       |              |  |  |
|                                    |           | X Contract Lab                                                               |          |                                          |                  | x                             |                 | Ice                 | 1                     | B            |  |  |
| Molecular (QPCR-P-500ML)           |           | PCR-HF183                                                                    |          | PCR-BacR                                 |                  | PCR-DG3                       |                 |                     |                       |              |  |  |
|                                    |           | PCR-GULL2                                                                    |          | PCR-GFD                                  |                  |                               |                 |                     |                       |              |  |  |
| Tracers (BG-500ML)                 |           | W-E8321-DI                                                                   |          | W-E8321-MS                               |                  | Ice                           |                 |                     |                       |              |  |  |
| Pesticides (BG-500ML) (BG-1L)      |           | W-E8321-DI                                                                   |          | W-E8321-MS                               |                  | W-PSNP-TQ                     |                 | Ice                 | MCAA Exp.             | MCAA Lot#    |  |  |
|                                    |           | W-PCL-TQ-R                                                                   |          | W-CARB-AA (5 ml of MCAA Buffer Solution) |                  | W-CT-CL-R                     |                 |                     |                       |              |  |  |
|                                    |           | W-TR-SQ-R                                                                    |          | W-PCB-TQ-R                               |                  |                               |                 |                     |                       |              |  |  |
| Phytoplankton (BP-1L)              |           | DTY-QN-C                                                                     |          | PKD-QN-BV                                |                  | Ice                           |                 |                     |                       |              |  |  |
| DOC (P-500ML)                      |           | W-DOC                                                                        |          | Field Filtered 0.45 um Filter            |                  | Ice                           |                 | H2SO4*              | <2                    |              |  |  |
|                                    |           |                                                                              |          | Acid Preservative Expiration Date        |                  |                               |                 |                     |                       |              |  |  |
|                                    |           |                                                                              |          | Acid Preservative Lot Number             |                  |                               |                 |                     |                       |              |  |  |

Bill to: Frances Moore  
P.O. #: Lab-000FF5  
C1EFCE

Laboratory Submission #:

Station  
ID

Surface Water  
Sample Matrix<sup>2</sup>  
(Fresh / Marine)

Enterococci  
E.coli (SM9223B Quantitray)

Laboratory Sample #:

E.Coli = 250 mL ; Entero = 120 mL ; Fecal Coliform = 120 mL

[illegible]

Laboratory Sample Acceptability:

pH < 2: 0      BEAS' temperature: 4.8°C

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

Collector: Monica Jaeger

Relinquished by: 2

Relinquished by:

Relinquished by: 4

Relinquished by: 5

|              |              |                          |
|--------------|--------------|--------------------------|
| Received By: | Barka Rytyni | Brooks Waternick<br>Kens |
| Received By: |              |                          |
| Received By: |              |                          |
| Received By: |              |                          |
| Received By: |              |                          |

|       |         |       |      |
|-------|---------|-------|------|
| Date: | 8/23/23 | Time: | 1201 |
| Date: |         | Time: |      |
| Date: |         | Time: |      |
| Date: |         | Time: |      |

BEAS Sample Receipt Temp. 4.8 °C

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



Date of Request: 12-JUL-2023  
 Created By: JAEGER\_M On: 12-JUL-2023  
 Modified By: JASROTIA\_P On: 01-AUG-2023  
 Customer: SO-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: South District  
 Event Description: 2022 SMP: Hatchett Creek

**Send Coolers To:**

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

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 01-AUG-2023  
 Biology Request Reviewed By: JASROTIA\_P On: 01-AUG-2023  
 Sampling Kit Required: YES Ship on: 11-AUG-2023  
 Sampling Kit Shipped: YES On: 07-AUG-2023  
 Sampling Kit Packed By: PENDLETO\_C  
 Preservatives Needed: YES  
 Date to Receive Samples: 24-AUG-2023  
 Logged In By:

**Send Final Report To:**

FLDEP South District Office  
 2295 Victoria Ave. Suite 314  
 Fort Myers, FL 33901-3381  
 Attn: Monica Jaeger  
 Report Notification EMail:  
 Nicole.Reistad@FloridaDEP.gov;John.Barrington@FloridaDEP.gov;Monica.Jaeger@FloridaDEP.gov

Comments: Group A: (G3SD0192) Nutrients, Entero  
 Group B: (G3SD0194, Lemon Bay) Entero  
 Group C: (G3SD0103) W-CT-CI-R/W-PCL-TQ-R/W-PCB-TQ-R  
 Group D: (Alligator Creak inflow) Pesticide

#####

Buffer Solution for W-CARB-AA Bottle  
 1 vial per bottle

#####

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

|                                   |                      |                                                                                                         |
|-----------------------------------|----------------------|---------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| ALKALINITY                        | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                              |
| TURBIDITY                         | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                      |
| W-CL-IC                           | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                       |
| W-COLOR                           | Template: DEFAULT    | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                      |
| Color (true)                      |                      |                                                                                                         |
| W-F                               | Template: DEFAULT    | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO <sub>4</sub> -IC             | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                        |
| W-TDS                             | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                             |
| W-TSS                             | Template: DEFAULT    | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample         |
| Bottle Type: BP-1L                | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| CHLSUITE-W                        | Template: DEFAULT    | (SM 10150 B) 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-500ML              | Number of Bottles: 1 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>                                                  |
| W-NH <sub>3</sub>                 | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                              |
| W-NO <sub>2</sub> NO <sub>3</sub> | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                      |
| W-S-A-TP                          | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                     |

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

|                      |                      |                                                                  |
|----------------------|----------------------|------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                    |
| 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 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 Group C (Water) With 1 Samples:**

|                               |                      |                                                                                                 |
|-------------------------------|----------------------|-------------------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML FILL TO | Number of Bottles: 4 | Preserved With: ICE                                                                             |
| W-CT-CI-R                     | Template: DEFAULT    | (EPA 8276) Chlordane and Toxaphene in water matrices by GC/MS with Negative Chemical Ionization |
| W-PCB-TQ-R                    | Template: DEFAULT    | (EPA 8270E) PCBs in water matrices by GC/MS/MS                                                  |
| W-PCL-TQ-R                    | Template:            | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS    |

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

|                               |                      |                                                                                                 |
|-------------------------------|----------------------|-------------------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML         | 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 Type: BG-500ML         | Number of Bottles: 1 | Preserved With: CH2ClCOOH and Ice                                                               |
| W-CARB-AA                     | Template: DEFAULT    | (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS                                          |
| Bottle Type: BG-500ML FILL TO | Number of Bottles: 2 | Preserved With: ICE                                                                             |
| W-CT-CI-R                     | Template: DEFAULT    | (EPA 8276) Chlordane and Toxaphene in water matrices by GC/MS with Negative Chemical Ionization |
| W-PCB-TQ-R                    | Template: DEFAULT    | (EPA 8270E) PCBs in water matrices by GC/MS/MS                                                  |
| W-PCL-TQ-R                    | Template:            | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS    |
| 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.