

# Login Checklist

RQ-2023-06-19-17

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 06/ 23 /2023@09:00

| *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 |                    |
| 1.2                 |                 |                                        |          | 6                                     |               | X  |          |    | 585947367817       |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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 X No \_\_\_\_\_

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes X No \_\_\_\_\_

## CONTAINER CHECK

Evidence Tape on Bottles? Yes \_\_\_\_\_ No \_\_\_\_\_ NA X Evidence Tape intact? Yes \_\_\_\_\_ No \_\_\_\_\_

If Criminal, photographs taken? Yes \_\_\_\_\_ No \_\_\_\_\_ Containers intact? Yes X No \_\_\_\_\_

Caps on tight? Yes X No \_\_\_\_\_

Sufficient Sample Volume: Yes X No \_\_\_\_\_

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

**CHLORINE CHECK REQUIRED?** (Blue dot on container) Yes \_\_\_\_\_ No X Init: TL

Chlorine detected? (One container checked per Field ID) Yes \_\_\_\_\_ No \_\_\_\_\_ Init: \_\_\_\_\_

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

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

\*\*Acid Preserved Samples: pH< 2.0? Yes X No \_\_\_\_\_ NA \_\_\_\_\_ Init: TL

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

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

Coolers Unpacked/Checked by: TL Date: 06/ 23 /2023 Event contains NCRs (Y/N)? N

Event ID: SO-DIST-2023-06-23-02

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                                 |
|--------------------------|---------------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #4 Exp:10/17/2023   |
| pH Test Strips 0 – 6     | LOT# 223819AV Exp: AUG 30, 2023 |
| pH Paper 0 – 3           | N/A                             |
| pH Paper 0 – 13          | LOT# 207621 Exp: March 15, 2024 |
| Chlorine Test Strips     | LOT# 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:** 6/22/2023  
**Customer:** SO-DIST  
**RQ:** RQ-2023-06-19-17  
**Collected By:** Thomas Baker, 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:** 1

**Delivery Method:** FedEx

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

| Site Location                          | Field ID/WIN ID                                                                                  |
|----------------------------------------|--------------------------------------------------------------------------------------------------|
| PEACE RIVER AT PEACE RIVER DR          | <br>G3SD0239   |
| PEACE RIVER ESTUARY AT HARBOUR HEIGHTS | <br>G3SD0148   |
| PEACE RIVER NEAR HUNTER CRK            | <br>G3SD0241 |
| PEACE RIVER ABOVE HORSE CREEK 2        | <br>G3SD0154 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 6/22/2023  
1400 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: TL

Rec'd/Inspected  
Date: 6/23/23

|                                                                                                                                 |                  |                                                                              |                |                                          |                                                                                         |                                                       |                 |                    |                       |              |   |
|---------------------------------------------------------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------|----------------|------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------|--------------------|-----------------------|--------------|---|
|                                                | RQ-2023-06-19-17 |                                                                              |                |                                          |                                                                                         | Collected By: Thomas Baker, Monica Jaeger             |                 |                    |                       |              |   |
|                                                                                                                                 | Customer: FDEP   |                                                                              |                |                                          |                                                                                         | Field Report Prepared by: Thomas Baker, Monica Jaeger |                 |                    |                       |              |   |
|                                                                                                                                 | Project ID: SMP  |                                                                              |                |                                          |                                                                                         | Sampling Agency: FDEP                                 |                 |                    |                       |              |   |
| WIN ID/Field ID: <br>WIN ID/Field ID: G3SD0239 |                  |                                                                              |                |                                          | Comments: Microbiology sample(s) submitted to contract laboratory.                      |                                                       |                 |                    |                       |              |   |
| Location: PEACE RIVER AT PEACE RIVER DR                                                                                         |                  |                                                                              |                |                                          |                                                                                         |                                                       |                 |                    |                       |              |   |
| Matrix: Fresh                                                                                                                   |                  |                                                                              |                |                                          | (Check One) <input checked="" type="checkbox"/> Grab <input type="checkbox"/> 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)       |              |   |
| 6/22/2023 905                                                                                                                   | 4.66             | 60.5                                                                         | 28.3           | 7.17                                     | 0.3                                                                                     | 0.7                                                   | 3.2             | 3128               | 1.63                  |              |   |
| 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          |                    | <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                  |                       |              | C |
| 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                                             |                 |                    |                       |              |   |
|                                                                                                                                 |                  | 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                               |                                                                                         | Ice                                                   |                 |                    |                       |              |   |
| Phytoplankton                                                                                                                   |                  | DTY-QN-C                                                                     |                | PKD-QN-BV                                |                                                                                         | Ice                                                   |                 |                    |                       |              |   |
| DOC                                                                                                                             |                  | W-DOC                                                                        |                | Field Filtered 0.45 um Filter            |                                                                                         | Ice                                                   |                 | H2SO4*             | <2                    |              |   |
|                                                                                                                                 |                  |                                                                              |                | Acid Preservative Expiration Date        |                                                                                         |                                                       |                 |                    |                       |              |   |
|                                                                                                                                 |                  |                                                                              |                | Acid Preservative Lot Number             |                                                                                         |                                                       |                 |                    |                       |              |   |



RQ-2023-06-19-17

Collected By: Thomas Baker, Monica Jaeger

Customer: FDEP

Field Report Prepared by: Thomas Baker, Monica Jaeger

Project ID: SMP

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3SD0148

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

Location: PEACE RIVER ESTUARY AT HARBOUR HEIGHTS

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 (PPT) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|----------------|
| 6/22/2023<br>845    | 4.03      | 52        | 28.4     | 6.78 | 0.3              | 0.4          | 1.5             | 1075                | 0.53           |

  

| 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*                |              |
|                                    |                   | Lot # SA3013020                                                             | Exp:                                     | 01/25/2024    | X           | <2                    | 1            |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                     | W-ICP                                    | W-HARD        | Ice         | HNO3*                 |              |
|                                    |                   | Lot #                                                                       | Exp:                                     |               |             | <2                    |              |
| 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            |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS |                                          | X             | Ice         |                       | 1            |
| 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          |
|                                    | X                 | Contract Lab                                                                |                                          |               |             |                       | 1            |
| 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     |             | MCAA Exp.             | MCAA Lot#    |
|                                    |                   | 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                      |                   | DTY-QN-C                                                                    | PKD-QN-BV                                |               | Ice         |                       |              |
| DOC                                |                   | W-DOC                                                                       | Field Filtered 0.45 µm Filter            |               | Ice         | H2SO4*                |              |
|                                    |                   |                                                                             | Acid Preservative Expiration Date        |               |             |                       | <2           |
|                                    |                   |                                                                             | Acid Preservative Lot Number             |               |             |                       |              |



|                  |                                                       |
|------------------|-------------------------------------------------------|
| RQ-2023-06-19-17 | Collected By: Thomas Baker, Monica Jaeger             |
| Customer: FDEP   | Field Report Prepared by: Thomas Baker, Monica Jaeger |
| Project ID: SMP  | Sampling Agency: FDEP                                 |

WIN ID/Field ID:   
WIN ID/Field ID: G3SD0241

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

Location: PEACE RIVER NEAR HUNTER CRK

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 (PPT <sub>h</sub> ) |                       |              |   |     |   |   |
|------------------------------------|------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|-----|------------------|--------------|-----------------|---------------------|------------------------------|-----------------------|--------------|---|-----|---|---|
| 6/22/2023 925                      | 3.65                                                                         | 47.5                              | 28.9                                     | 7.1 | 0.3              | 0.6          | 5.2             | 799                 | 0.39                         |                       |              |   |     |   |   |
| 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-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 | C |
|                                    | 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          |                 | MCAA Exp.           | MCAA Lot#                    |                       |              |   |     |   |   |
| 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        |              |                 |                     |                              |                       |              |   |     |   |   |
|                                    | W-TR-SQ-R                                                                    |                                   | W-PCB-TQ-R                               |     |                  |              |                 |                     |                              |                       |              |   |     |   |   |
|                                    |                                                                              |                                   |                                          |     |                  |              |                 |                     |                              |                       |              |   |     |   |   |
| Phytoplankton                      | DTY-QN-C                                                                     |                                   | PKD-QN-BV                                |     |                  | Ice          |                 |                     |                              |                       |              |   |     |   |   |
| DOC                                | W-DOC                                                                        | Field Filtered 0.45 µm Filter     |                                          |     | Ice              |              | H2SO4*          |                     | <2                           |                       |              |   |     |   |   |
|                                    |                                                                              | Acid Preservative Expiration Date |                                          |     |                  |              |                 |                     |                              |                       |              |   |     |   |   |
|                                    |                                                                              | Acid Preservative Lot Number      |                                          |     |                  |              |                 |                     |                              |                       |              |   |     |   |   |



RQ-2023-06-19-17

Customer: FDEP

Project ID: SMP

Collected By: Thomas Baker, Monica Jaeger

Field Report Prepared by: Thomas Baker, Monica Jaeger

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G3SD0154

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

Location: PEACE RIVER ABOVE HORSE CREEK 2

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 (PPT) |    |   |   |
|------------------------------------|-------------------|---------------------------------------------------------------------------|------------------------------------------|-------------------------------|------------------|--------------|-----------------|-----------------------|----------------|----|---|---|
| 6/22/2023<br>1005                  | 5.05              | 64.8                                                                      | 28.2                                     | 7.23                          | 0.3              | 0.9          | 3.2             | 366.9                 | 0.17           |    |   |   |
| 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 #                                                                     |                                          | 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 | B |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W-TDS |                                          |                               | X                | Ice          |                 |                       |                |    | 1 | B |
| 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) | X                 | E Coli                                                                    | F Coli                                   | 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                      |                   | DTY-QN-C                                                                  | PKD-QN-BV                                |                               | Ice              |              |                 |                       |                |    |   |   |
| DOC                                |                   | W-DOC                                                                     | Field Filtered 0.45 µm Filter            |                               | Ice              | H2SO4*       |                 |                       |                |    |   |   |
|                                    |                   |                                                                           | Acid Preservative Expiration Date        |                               |                  |              |                 |                       |                | <2 |   |   |
|                                    |                   |                                                                           | Acid Preservative Lot Number             |                               |                  |              |                 |                       |                |    |   |   |

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

Client Name: FDEP  
Address: 2600 Blair Stone Rd.  
Tallahassee, FL, 32399  
Phone: (239) 344-5718  
Email: dep-overflowmicro@dep.state.fl.us

Bill to: Frances Moore  
P.O. #: Lab C00EF5

Project Name: RQ-2023-06-19-17  
Project Run/Location: P-RV / SML

Laboratory Submission #: S23060689

| Station ID | Surface Water Sample Matrix <sup>2</sup> (Fresh / Marine) | Sample Type | Enterococci E.coli (SM9223B Quantitray) | Laboratory Sample # |
|------------|-----------------------------------------------------------|-------------|-----------------------------------------|---------------------|
| G3SD0148   | F / M / Grab                                              | Enterococci | 6/22/23 845                             | 1                   |
| G3SD0239   | F / M / Grab                                              | Enterococci | 6/22/23 905                             | 2                   |
| G3SD0241   | F / M / Grab                                              | Enterococci | 6/22/23 925                             | 3                   |
| G3SD0154   | F / M / Grab                                              | Enterococci | 6/22/23 1005                            | 4                   |

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

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

<sup>2</sup> "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), sludge surface water (SSW), soft sediment (SDMNTL) or sludge (SLDG).

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

<sup>4</sup> Sample must be refrigerated or stored in wet ice after collection. The maximum temperature during storage should be 0°C (32°F). Under "Preservative," list any preservatives that were added to the sample container.

Instructions:  
1. Each bottle kit is labeled identifying sample ID, preservative, 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 and containing preservative may be used with appropriate sample prior to collection.

4. The client is responsible for documentation of the sampling event. Please use typical sampling event on the sample custody form.

Laboratory Sample Acceptability:  
pH < 2.0 BEAS Temperature: 3.6

|   |                         |               |            |                                 |               |            |
|---|-------------------------|---------------|------------|---------------------------------|---------------|------------|
| 1 | Collector: Monica Jeger | Date: 6/22/23 | Time: 1119 | Received By: Brenda K. Kuntzsch | Date: 6/22/23 | Time: 1119 |
| 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:      |

BEAS Sample Receipt Temp. 3.6 °C

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

# Benchmark EnviroAnalytical, Inc.

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

Client Name: FDEP  
Address: 2600 Blair Stone Rd.  
Tallahassee, FL, 32399

Phone: (239) 344-5718  
Email: dep-overflowmicro@dep.state.fl.us

Bill to: Frances Moore  
P.O. #: Lab C00EFS

Project Name: RQ-2023-06-19-17  
Project Run/Location: P-ENV / SML

Laboratory Submission #:

523060689

E. coli (SM9223B Quantitray)

Surface Water  
Sample Matrix:  
(Fresh / Marine)  
Sample Type

Station  
ID

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

| Station ID | Sample Type  | Enterococci                       | Laboratory Sample # |
|------------|--------------|-----------------------------------|---------------------|
| G3SD0148   | F / M / Grab | E. coli / Entero / Fecal coliform | 6/22/23 845         |
| G3SD0239   | F / M / Grab | E. coli / Entero / Fecal coliform | 6/22/23 905         |
| G3SD0241   | F / M / Grab | E. coli / Entero / Fecal coliform | 6/22/23 925         |
| G3SD0154   | F / M / Grab | E. coli / Entero / Fecal coliform | 6/22/23 1005        |
|            | F / M / Grab | E. coli / Entero / Fecal coliform |                     |
|            | F / M / Grab | E. coli / Entero / Fecal coliform |                     |
|            | F / M / Grab | E. coli / Entero / Fecal coliform |                     |
|            | F / M / Grab | E. coli / Entero / Fecal coliform |                     |
|            | F / M / Grab | E. coli / Entero / Fecal coliform |                     |
|            | F / M / Grab | E. coli / Entero / Fecal coliform |                     |
|            | F / M / Grab | E. coli / Entero / Fecal coliform |                     |
|            | F / M / Grab | E. coli / Entero / Fecal coliform |                     |

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

\*Sample Matrix is used to indicate whether the sample is being analyzed for drinking water (DW), groundwater (GW), surface water (SW), fresh surface water (FSW), saline surface water (SSW), soil, sediment (SDM/ST), or sludge (SDG).

\*Sample Type is used to indicate whether the container is plastic (P) or glass (G).

Sample must be refrigerated or stored in ice for other collection. The maximum temperature during storage should be 6°C (42°F). Under "Preservative," list any preservatives that were added to the sample container.

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 penman's black ink: date and time of collection, sampler's name or initials, and any label number or ID.

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

4. The client is responsible for dissemination of the sampling data. Please use special sampling status on the sample custody form.

Laboratory Sample Acceptability:  
pH < 2 : 0 BEAS Temperature: 3.6

|   |                                  |                      |                   |                                           |                      |                   |
|---|----------------------------------|----------------------|-------------------|-------------------------------------------|----------------------|-------------------|
| 1 | Collector: <u>Monica - paper</u> | Date: <u>6/22/23</u> | Time: <u>1119</u> | Received By: <u>Brenda K. [Signature]</u> | Date: <u>6/22/23</u> | Time: <u>1119</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:             |

BEAS Sample Receipt Temp. 3.6 °C

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



Date of Request: 11-MAY-2023  
 Created By: JAEGER\_M On: 11-MAY-2023  
 Modified By: JASROTIA\_P On: 01-JUN-2023  
 Customer: SO-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: South District  
 Event Description: 2023 SMP : P Riv

**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: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 01-JUN-2023  
 Biology Request Reviewed By: JASROTIA\_P On: 01-JUN-2023  
 Sampling Kit Required: YES Ship on: 09-JUN-2023  
 Sampling Kit Shipped: YES On: 05-JUN-2023  
 Sampling Kit Packed By: KREUCH\_B  
 Preservatives Needed: NO  
 Date to Receive Samples: 23-JUN-2023  
 Logged In By: LEBRUN\_T On: 23-JUN-2023

**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: (Harbour Heights) Nutrients, Entero  
 Group B: (G3SD0154) Nutrients, E. coli  
 Group C: (G3SD0238, G3SD0239) Entero

**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                                     |
| W-TKN                             | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                        |
| W-TOC                             | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                                        |

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

|                   |                      |                                                                            |
|-------------------|----------------------|----------------------------------------------------------------------------|
| Bottle Type: P-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                         |

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

|                             |                      |                                                                                                         |
|-----------------------------|----------------------|---------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| 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-SO4-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-ECQ                  | Template: DEFAULT    | (SM 9223 Quanti-Tray) E. coli by Colilert/QT by BEA South in North Port                                 |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                                           |
| W-NH3                       | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                              |
| W-NO2NO3                    | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                      |
| W-S-A-TP                    | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                     |
| W-TKN                       | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                        |
| W-TOC                       | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                                        |

**Bottle Group C (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 |