

RQ- 2023-12-04-31

# Login Checklist

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 12/8/23 @ 0902

| *Cooler Temperature | Samples Frozen?<br>YES | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|------------------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                        | HNO <sub>3</sub>                       | Formalin |                                       | Present?      |    | *Intact? |    |                    |
|                     |                        |                                        |          |                                       | Yes           | No | Yes      | No |                    |
| 1.4                 |                        |                                        |          | 8                                     |               | x  |          |    | 048484558133       |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |
|                     |                        |                                        |          |                                       |               |    |          |    |                    |

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

## CONTAINER CHECK

Evidence Tape on Bottles?

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

If Criminal, photographs taken?

Yes \_\_\_\_\_ No \_\_\_\_\_ Containers intact? Yes 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: BKK

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: BKK

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA X Init: BKK

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

Coolers Unpacked/Checked by: BKK

Date: 12/8/23 Event contains NCRs (Y/N)? N

Nassau North 2 Boat  
EventID: NE-DIST-2023-12-08-02 (SMP)

-Date Received: 08-DEC-2023 09:02

## Login Checklist

### Login Preservation Equipment

### Lot # & Exp: Date

### Additional Comments:

|                          |                               |
|--------------------------|-------------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #3 Exp:10/16/2024 |
| pH Test Strips 0 – 6     | Lot#223819BV   Exp:8/15/24    |
| pH Paper 0 – 3           |                               |
| pH Paper 0 – 13          | Lot#207621   Exp:3/15/24      |
| Chlorine Test Strips     | Lot#3032   Exp:8/25           |

### ENCORE SAMPLES

**S-VOC-MS samples in Encores must be frozen within 48 hours of collection.**

Were Encore samples received? Yes \_\_\_\_\_ Init: \_\_\_\_\_

Date and time placed in freezer \_\_\_\_\_

Were all samples placed in freezer within 48 hours of collection? Yes \_\_\_\_\_ No \_\_\_\_\_

If no, were samples shipped on dry ice? Yes \_\_\_\_\_ No \_\_\_\_\_

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

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 12/7/2023      **Collected By:** Katrin Villinger, Haylee Brown  
**Customer:** NE-DIST      **Sampling Agency:** FDEP  
**RQ:** RQ-2023-12-04-31      **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                                                                                  |
|-----------------------------|--------------------------------------------------------------------------------------------------|
| EGAN CREEK AT ATLANTIC      | <br>G4NE0285   |
| ST MARYS R AT GA LINE US 17 | <br>19010001   |
| NASSAU RIV US 17            | <br>19020002 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 12/7/2023  
1630 EST

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By:

Brian Kreuch

Rec'd/Inspected

Date:

12/8/23 0902

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RQ-2023-12-04-31

Customer: FDEP

Project ID: SMP

Collected By: Katrin Villinger, Haylee Brown

Field Report Prepared by: Katrin Villinger, Haylee Brown

Sampling Agency: FDEP

WIN ID/Field ID:

WIN ID/Field ID: G4NE0285

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

Location: EGAN CREEK AT ATLANTIC

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) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|-----------------|
| 12/7/2023<br>1020   | 4.47      | 48.8      | 14       | 7.05 | 0.3              | 0.8          | 1.45            | 26921               | 16.52           |

| Parameter Suite                    | Parameter Methods |                                                                                  |                                          |               | Preservation |            |                                  | pH Check                         |   | # Bottles sent to Lab | Bottle Group |   |
|------------------------------------|-------------------|----------------------------------------------------------------------------------|------------------------------------------|---------------|--------------|------------|----------------------------------|----------------------------------|---|-----------------------|--------------|---|
| Preserved Nutrients (P-500ML)      | X                 | W-NH <sub>3</sub> / W-NO <sub>2</sub> NO <sub>3</sub> / W-TKN / W-TOC / W-S-A-TP |                                          |               | X            | Ice        | X                                | H <sub>2</sub> SO <sub>4</sub> * | X | <2                    | 1            | A |
|                                    |                   | Lot #                                                                            | Sa3193140                                | Exp:          |              | 07/31/2024 |                                  |                                  |   |                       |              |   |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                          | W-ICP                                    | W-HARD        |              | Ice        |                                  | HNO <sub>3</sub> *               |   | <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-CI-IC / 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) | X                 | E Coli                                                                           | F Coll                                   | X             | Enterococci  | X          | Ice                              |                                  |   |                       | 1            | A |
|                                    |                   | 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 µm Filter            |               |              | Ice        | H <sub>2</sub> SO <sub>4</sub> * |                                  |   | <2                    |              |   |
|                                    |                   |                                                                                  | Acid Preservative Expiration Date        |               |              |            |                                  |                                  |   |                       |              |   |
|                                    |                   |                                                                                  | Acid Preservative Lot Number             |               |              |            |                                  |                                  |   |                       |              |   |



RQ-2023-12-04-31

Customer: FDEP

Project ID: SMP

Collected By: Katrin Villinger, Haylee Brown

Field Report Prepared by: Katrin Villinger, Haylee Brown

Sampling Agency: FDEP

 WIN ID/Field ID:   
 WIN ID/Field ID: 19010001

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

Location: ST MARYS R AT GA LINE US 17

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) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|-----------------|
| 12/7/2023<br>1130   | 6.74      | 66.3      | 14.6     | 6.13 | 0.3              | 0.8          | 8.8             | 181.6              | 0.09            |

  

| 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 #                                                                       | Sa3193140                                | Exp:          | 07/31/2024     |           |                       |              |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                     |                                          |               | X Ice X HNO3*  | X <2      | 1                     | B            |
|                                    |                   | Lot #                                                                       | Na3123030                                | Exp:          | 05/10/2024     |           |                       |              |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F Field Filtered 0.45 µm Filter                                       |                                          |               |                |           |                       |              |
|                                    |                   | 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-CL-IC / 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 (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-2023-12-04-31

Customer: FDEP

Project ID: SMP

Collected By: Katrin Villinger, Haylee Brown

Field Report Prepared by: Katrin Villinger, Haylee Brown

Sampling Agency: FDEP

 WIN ID/Field ID:   
 WIN ID/Field ID: 19020002

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

Location: NASSAU RIV US 17

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) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|---------------------|----------------|
| 12/7/2023<br>1250   | 7.41      | 74.8      | 15       | 6.89 | 0.3              | 0.6          | 6.21            | 5101                | 2.76           |

  

| 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)                   | x                                                                         | W-ICPMS                                  | x                             | W-ICP       | W-HARD       | x          | Ice       | x  | HNO3*                 |              |
|                                    | Lot #                                                                     |                                          | Na3193130                     |             | Exp:         | 07/27/2024 | X         | <2 | 1                     | C            |
| 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                                   | 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          |            |           |    |                       |              |
| 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 µm Filter            |                               |             | Ice          | H2SO4*     |           | <2 |                       |              |
|                                    |                                                                           | Acid Preservative Expiration Date        |                               |             |              |            |           |    |                       |              |
|                                    |                                                                           | Acid Preservative Lot Number             |                               |             |              |            |           |    |                       |              |



**DIVERSIFIED**  
ENVIRONMENTAL LABORATORIES, INC.

# CHAIN OF CUSTODY RECORD

Project Number:  
(Lab Use Only)

3653 Regent Boulevard, Suite # 509  
Jacksonville, FL 32224  
P. (904) 807-9625 E. info@delilab.com  
F. (904) 807-9627

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|                       |  |                                                |  |                       |  |                          |  |              |  |                    |  |                        |  |               |  |                  |  |                        |  |                                           |  |                                  |  |                                                                                                                                                                                                         |  |                               |  |                    |  |                |  |  |  |  |  |
|-----------------------|--|------------------------------------------------|--|-----------------------|--|--------------------------|--|--------------|--|--------------------|--|------------------------|--|---------------|--|------------------|--|------------------------|--|-------------------------------------------|--|----------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------|--|--------------------|--|----------------|--|--|--|--|--|
| Company Name          |  | Florida Department of Environmental Protection |  | Address               |  | 8800 Baymeadows Way West |  | City         |  | Jacksonville       |  | State                  |  | FL            |  | Zip              |  | 32256                  |  | Container Information (Qty, Size, & Type) |  |                                  |  | Sample Matrix Codes                                                                                                                                                                                     |  |                               |  |                    |  |                |  |  |  |  |  |
| Attn.                 |  | Dep-overflowmicro@dep.state.fl.us              |  | Tel.                  |  | E-mail or Fax            |  | Project Name |  | Nassau North 2     |  | Project Number         |  | 2023-12-04-31 |  | Project Location |  | Sampler Name/Signature |  | Haylee Brown                              |  | Container Preservation Codes     |  |                                                                                                                                                                                                         |  | Sample Kit or Container Lot # |  |                    |  |                |  |  |  |  |  |
| Transfer #            |  | Sample #<br>(Lab Use Only)                     |  | Sample Identification |  | Date Sampled             |  | Time Sampled |  | Sample Matrix Code |  | Specific Cond. (Field) |  | Comp          |  | Grab             |  | E. Coli - Quantitray   |  | Enterococci - Quantitray                  |  | Coliform, Fecal - MF 3 Dilutions |  | Parameters                                                                                                                                                                                              |  |                               |  | Preservation Codes |  |                |  |  |  |  |  |
| 1                     |  |                                                |  | B4NED285              |  | 12/7/23                  |  | 1020         |  | NPW26921           |  | X                      |  |               |  |                  |  |                        |  |                                           |  |                                  |  | 0. None 5. Na2S2O3<br>1. H2SO4 6. Crushed Ice (4C)<br>2. HNO3 7. C6H8O6<br>3. HCl 8. NH4Cl<br>4. NaOH 9. Other: (List)                                                                                  |  |                               |  |                    |  |                |  |  |  |  |  |
| 2                     |  |                                                |  | 19010001              |  | ↓                        |  | 1130         |  | ↓                  |  | 181.6                  |  | X             |  | 1                |  |                        |  |                                           |  |                                  |  | Thermal Preservation:<br>In Crushed Ice? <input checked="" type="checkbox"/> Yes / No<br>Cooler Temp: <u>NA</u> °C<br>Sample Cont. Temp: <u>0.3</u> °C                                                  |  |                               |  |                    |  |                |  |  |  |  |  |
| 3                     |  |                                                |  | 19020002              |  | ↓                        |  | 1250         |  | ↓                  |  | 5101                   |  | X             |  | 1                |  |                        |  |                                           |  |                                  |  | Turnaround Requested:<br><input checked="" type="checkbox"/> Standard (10 Business Days)<br><input type="checkbox"/> Semi-Rush (3-5 Business Days)<br><input type="checkbox"/> Rush (1-2 Business Days) |  |                               |  |                    |  |                |  |  |  |  |  |
| 4                     |  |                                                |  |                       |  |                          |  |              |  |                    |  |                        |  |               |  |                  |  |                        |  |                                           |  |                                  |  | Turnaround times are estimated & subject to change. Surcharges apply for all Rush samples.                                                                                                              |  |                               |  |                    |  |                |  |  |  |  |  |
| 5                     |  |                                                |  |                       |  |                          |  |              |  |                    |  |                        |  |               |  |                  |  |                        |  |                                           |  |                                  |  | Billing Information:<br><input type="checkbox"/> Invoice with Report<br><input checked="" type="checkbox"/> Invoice to Accounting<br>Req. #: _____<br>P.O. #: _____                                     |  |                               |  |                    |  |                |  |  |  |  |  |
| 6                     |  |                                                |  |                       |  |                          |  |              |  |                    |  |                        |  |               |  |                  |  |                        |  |                                           |  |                                  |  |                                                                                                                                                                                                         |  |                               |  |                    |  |                |  |  |  |  |  |
| 7                     |  |                                                |  |                       |  |                          |  |              |  |                    |  |                        |  |               |  |                  |  |                        |  |                                           |  |                                  |  |                                                                                                                                                                                                         |  |                               |  |                    |  |                |  |  |  |  |  |
| 8                     |  |                                                |  |                       |  |                          |  |              |  |                    |  |                        |  |               |  |                  |  |                        |  |                                           |  |                                  |  |                                                                                                                                                                                                         |  |                               |  |                    |  |                |  |  |  |  |  |
| 9                     |  |                                                |  |                       |  |                          |  |              |  |                    |  |                        |  |               |  |                  |  |                        |  |                                           |  |                                  |  |                                                                                                                                                                                                         |  |                               |  |                    |  |                |  |  |  |  |  |
| 0                     |  |                                                |  |                       |  |                          |  |              |  |                    |  |                        |  |               |  |                  |  |                        |  |                                           |  |                                  |  |                                                                                                                                                                                                         |  |                               |  |                    |  |                |  |  |  |  |  |
| Special Instructions: |  |                                                |  |                       |  | Transfer Numbers:        |  |              |  |                    |  | Relinquished By:       |  |               |  |                  |  | Date / Time:           |  |                                           |  |                                  |  | Received By:                                                                                                                                                                                            |  |                               |  |                    |  | Date / Time:   |  |  |  |  |  |
|                       |  |                                                |  |                       |  | 1-3                      |  |              |  |                    |  | Haylee Brown           |  |               |  |                  |  | 12/7/23 1404           |  |                                           |  |                                  |  | M0982                                                                                                                                                                                                   |  |                               |  |                    |  | 12/07/23 14:04 |  |  |  |  |  |



Certification #E821059

Date of Request: 02-NOV-2023  
 Created By: PARRISH\_J On: 02-NOV-2023  
 Modified By: JASROTIA\_P On: 16-NOV-2023  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Event Description: Nassau North 2 Boat

**Send Coolers To:**

Phone: 904-256-1700  
 8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish  
 Cooler Ship EMail: Jeremy.M.Parrish@dep.state.fl.us

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 16-NOV-2023  
 Biology Request Reviewed By: JASROTIA\_P On: 16-NOV-2023  
 Sampling Kit Required: YES Ship on: 29-NOV-2023  
 Sampling Kit Shipped: YES On: 27-NOV-2023  
 Sampling Kit Packed By: PENDLETO\_C  
 Preservatives Needed: NO  
 Date to Receive Samples: 04-DEC-2023  
 Logged In By:

**Send Final Report To:**

8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish  
 Report Notification EMail: Jeremy.M.Parrish@dep.state.fl.us

Comments: Group A:(Surf-Salt) Nutrients, Bacteria  
 site:G4NE0285  
 Group B:(Surf.-Fresh)Nutrients,Metals, Bacteria  
 site 19010001  
 Group C:(Surf.Salt)Metals, Bacteria  
 site 19020002

NE-DIV-ENQ  
 NE-DIV-ECQ  
 Packing Notes:  
 None

**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 CaCO3/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-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                                                                                     |

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

|                             |                      |                                                                                                        |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                    |
| NE-DIV-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by Diversified Environmental Laboratories in Jacksonville |
| 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-2014) 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 CaCO3/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-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                                                                                                                            |
| NE-DIV-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by Diversified Environmental Laboratories in Jacksonville                                       |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-HARD                      | Template: DEFAULT    | (SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                                                          |
| Hardness                    |                      |                                                                                                                                                |
| W-ICP                       | Template: SMP-FRESH  | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Calcium                     |                      |                                                                                                                                                |
| Iron                        |                      |                                                                                                                                                |
| Magnesium                   |                      |                                                                                                                                                |
| Potassium                   |                      |                                                                                                                                                |
| Sodium                      |                      |                                                                                                                                                |
| Strontium                   |                      |                                                                                                                                                |
| Tin                         |                      |                                                                                                                                                |
| Titanium                    |                      |                                                                                                                                                |
| Vanadium                    |                      |                                                                                                                                                |
| Zinc                        |                      |                                                                                                                                                |
| W-ICPMS                     | Template: DEFAULT    | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| Aluminum                    |                      |                                                                                                                                                |
| Antimony                    |                      |                                                                                                                                                |
| Arsenic                     |                      |                                                                                                                                                |
| Barium                      |                      |                                                                                                                                                |
| Beryllium                   |                      |                                                                                                                                                |
| Boron                       |                      |                                                                                                                                                |
| Cadmium                     |                      |                                                                                                                                                |
| Chromium                    |                      |                                                                                                                                                |
| Cobalt                      |                      |                                                                                                                                                |
| Copper                      |                      |                                                                                                                                                |
| Lead                        |                      |                                                                                                                                                |
| Manganese                   |                      |                                                                                                                                                |
| Molybdenum                  |                      |                                                                                                                                                |
| Nickel                      |                      |                                                                                                                                                |
| Selenium                    |                      |                                                                                                                                                |
| Silver                      |                      |                                                                                                                                                |

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

|                      |                      |                                                                                                                             |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                                                        |
| W-ICPMS              | Template: DEFAULT    | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects |

Thallium

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                       |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L          |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices    |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-2014) Nonpurgeable Organic Carbon in aqueous matrices    |

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

|                             |                      |                                                                                                        |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                    |
| NE-DIV-ENQ                  | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by Diversified Environmental Laboratories in Jacksonville |

|                      |                      |                                                                                       |
|----------------------|----------------------|---------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                  |
| W-HARD               | Template: DEFAULT    | (SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3 |

Hardness

|       |                     |                                                                                                                                                |
|-------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| W-ICP | Template: SMP-FRESH | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
|-------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------|

Calcium

Iron

Magnesium

Potassium

Sodium

Strontium

Tin

Titanium

Vanadium

Zinc

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

Aluminum

Antimony

Arsenic

Barium

Beryllium

Boron

Cadmium

Chromium

Cobalt

Copper

Lead

Manganese

Molybdenum

Nickel

Selenium

Silver

Thallium

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