

# Login Checklist

RQ- **2023 - 03 - 06 - 47**

Login Station ID: **# 2**

Shipping Method: **FedEx** | UPS | HD | Greyhound

Date/Time of Receipt: **03/08/2023 / 09:37**

| *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 |                    |
| 3.1C                |                 |                                        |          | 16                                    |               | X  |          |    | 5859 4733 7700     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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** **118**

## 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 \_\_\_\_\_ Init: **ABS** /

Chlorine detected? (One container checked per Field ID)

Yes **x** No **x** Init: **ABS** /

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: **ABS** /

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

Yes \_\_\_\_\_ No \_\_\_\_\_ NA **x** Init: **ABS** /

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

Coolers Unpacked/Checked by: **ABS** /

Date: **03/08/2023**

Event contains NCRs (Y/N)? **N**

EventID:

**NW - DIST - 2023 - 03 - 08 - 02**

# 

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                                               |
|--------------------------|-----------------------------------------------|
| Infrared Thermometer ID: | IRTG # 2 EXP:10/17/2023                       |
| pH Test Strips 0 – 6     | LOT#223819AV EXP:8/30/23                      |
| pH Paper 0 – 3           | N/A                                           |
| pH Paper 0 – 13          | LOT#207621 EXP:3/15/2024                      |
| Chlorine Test Strips     | 0129 03 / abs/03/01/2023<br>0070 / 2023 / 02/ |

### 

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

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

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:** 3/7/2023  
**Customer:** NW-DIST  
**RQ:** RQ-2023-03-06-47  
**Collected By:** Nathan Mulkey, Hannah Henning  
**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                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------|
| ESCAMBIA BAY SEC B BACKGR STA | <br>G4NW0025   |
| ESCAMBIA BAY SECT D BUOY N12  | <br>G4NW0029   |
| Trout Bayou                   | <br>G4NW0443 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 3/7/2023 1600  
CEN

**THIS SECTION TO BE COMPLETED BY LABORATORY**

**Rec'd/Inspected By:** A.SHAIK

**Rec'd/Inspected**  
**Date:** 03/08/2023



|                  |                                                         |
|------------------|---------------------------------------------------------|
| RQ-2023-03-06-47 | Collected By: Nathan Mulkey, Hannah Henning             |
| Customer: FDEP   | Field Report Prepared by: Nathan Mulkey, Hannah Henning |
| Project ID: SMP  | Sampling Agency: FDEP                                   |

WIN ID/Field ID:



WIN ID/Field ID: G4NW0025

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

Location: ESCAMBIA BAY SEC B BACKGR STA

Matrix: Marine

(Check One)

☒ Grab☐ Composite

| Date and Time {CEN}                | DO (mg/L)                                                                    | DO (%SAT)                         | Temp. °C                                 | pH    | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH) |                       |              |           |           |   |
|------------------------------------|------------------------------------------------------------------------------|-----------------------------------|------------------------------------------|-------|------------------|--------------|-----------------|---------------------|-----------------|-----------------------|--------------|-----------|-----------|---|
| 3/7/2023<br>840                    | 8.3                                                                          | 96.8                              | 22.7                                     | 7.45  | 0.3              | 0.8          | 2.4             | 2562                | 1.3             |                       |              |           |           |   |
| 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 | X                | W-HARD       | X               | Ice                 | X               | HNO3*                 | <2           | 1         | B         |   |
|                                    | Lot #                                                                        |                                   | 2126030                                  |       | Exp:             |              | 06/02/23        |                     |                 |                       |              |           |           |   |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                      |                                   | Field Filtered 0.45 um Filter            |       |                  | Ice          |                 |                     |                 |                       |              |           |           |   |
|                                    | Filter Lot #                                                                 |                                   | Syringe Lot #                            |       |                  |              |                 |                     |                 |                       |              |           |           |   |
| BOD (BP-1L)                        | OV-BODUNIN                                                                   |                                   |                                          |       |                  | Ice          |                 |                     |                 |                       |              |           |           |   |
| Chlorophyll (BP-1L)                | CHLSUITE-W                                                                   |                                   |                                          |       |                  | Ice          |                 |                     |                 |                       |              |           |           |   |
| Physical/Aggregate (Fresh) (P-1L)  | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TDS |                                   |                                          |       |                  | Ice          |                 |                     |                 |                       |              |           |           |   |
| Physical/Aggregate (Marine) (P-1L) | Alkalinity / W-F / W-TSS / TURBIDITY                                         |                                   |                                          |       |                  | Ice          |                 |                     |                 |                       |              |           |           |   |
| Macroinvertebrates (PJ-2L)         | MI-FW-QLDC                                                                   | Formalin Lot #                    |                                          |       | Formalin         |              |                 |                     |                 |                       |              |           |           |   |
| Periphyton (PT-50ML)               | ALGAE-ID                                                                     |                                   |                                          |       |                  | Ice          |                 |                     |                 |                       |              |           |           |   |
| Microbiology (Contract Lab Bottle) | E Coli                                                                       |                                   | F Coli                                   |       | X                | Enterococci  |                 |                     |                 |                       | x            | Ice       | 1         | B |
|                                    | 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 um Filter     |                                          |       | Ice              | H2SO4*       | <2              |                     |                 |                       |              |           |           |   |
|                                    |                                                                              | Acid Preservative Expiration Date |                                          |       |                  |              |                 |                     |                 |                       |              |           |           |   |
|                                    |                                                                              | Acid Preservative Lot Number      |                                          |       |                  |              |                 |                     |                 |                       |              |           |           |   |



|                                                                                                                                 |                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| RQ-2023-03-06-47                                                                                                                | Collected By: Nathan Mulkey, Hannah Henning                        |
| Customer: FDEP                                                                                                                  | Field Report Prepared by: Nathan Mulkey, Hannah Henning            |
| Project ID: SMP                                                                                                                 | Sampling Agency: FDEP                                              |
| WIN ID/Field ID: <br>WIN ID/Field ID: G4NW0029 | Comments: Microbiology sample(s) submitted to contract laboratory. |

Location: ESCAMBIA BAY SECT D BUOY N12

Matrix: Marine

(Check One)

☒ Grab☐ Composite

| Date and Time {CEN}                | DO (mg/L)                                                                    | DO (%SAT) | Temp. °C                                 | pH     | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm)   | Salinity (PPT) |           |   |
|------------------------------------|------------------------------------------------------------------------------|-----------|------------------------------------------|--------|------------------|--------------|-----------------|-----------------------|----------------|-----------|---|
| 3/7/2023<br>900                    | 8.24                                                                         | 96.7      | 22.9                                     | 7.55   | 0.3              | 0.8          | 2.4             | 4204                  | 2.23           |           |   |
| 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  | x                | W-HARD       | x               | Ice                   | x              | HNO3*     |   |
|                                    | Lot #                                                                        |           | 2126030                                  |        | Exp:             |              | 06/02/23        |                       | <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-CH-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                                                                       |           | x                                        | F Coli | x                | Enterococci  | x               | Ice                   |                | 2         | C |
|                                    | 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              |              | H2SO 4*         |                       | <2             |           |   |
|                                    |                                                                              |           | Acid Preservative Expiration Date        |        |                  |              |                 |                       |                |           |   |
|                                    |                                                                              |           | Acid Preservative Lot Number             |        |                  |              |                 |                       |                |           |   |



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| RQ-2023-03-06-47                                                                                                                              | <b>Collected By:</b> Nathan Mulkey, Hannah Henning                        |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Nathan Mulkey, Hannah Henning            |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                              |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G4NW0443 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

Location: Trout Bayou

Matrix: Marine

(Check One)

☒ Grab☐ Composite

| Date and Time {CEN}                | DO (mg/L)         | DO (%SAT)                                                                    | Temp. °C       | pH                                       | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm)   | Salinity (PPT) |         |    |   |
|------------------------------------|-------------------|------------------------------------------------------------------------------|----------------|------------------------------------------|------------------|--------------|-----------------|-----------------------|----------------|---------|----|---|
| 3/7/2023<br>925                    | 7.08              | 88.1                                                                         | 24.5           | 7.2                                      | 0.3              | 0.8          | 0.8             | 13114                 | 7.54           |         |    |   |
| 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*                | <2             | 1       | A  |   |
|                                    |                   | Lot #                                                                        |                | 2229010                                  | Exp:             | 08/30/23     |                 |                       |                |         |    |   |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                      |                | W-ICP                                    | W-HARD           | Ice          | HNO3*           | <2                    |                |         |    |   |
|                                    |                   | Lot #                                                                        |                |                                          | Exp:             |              |                 |                       |                |         |    |   |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                      |                | Field Filtered 0.45 um Filter            |                  | Ice          |                 |                       |                |         |    |   |
|                                    |                   | Filter Lot #                                                                 |                | Syringe Lot #                            |                  |              |                 |                       |                |         |    |   |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                   |                |                                          |                  | Ice          |                 |                       |                |         |    |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                   |                |                                          |                  | X            | Ice             |                       | 1              | A       |    |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                |                                          |                  | Ice          |                 | 1                     | A              |         |    |   |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-F / W-TSS / TURBIDITY                                         |                |                                          |                  | Ice          |                 |                       |                |         |    |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                   | Formalin Lot # |                                          |                  | Formalin     |                 |                       |                |         |    |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                     |                |                                          |                  | Ice          |                 |                       |                |         |    |   |
| Microbiology (Contract Lab Bottle) |                   | E Coli                                                                       |                | F Coli                                   | X                | Enterococci  | X               | Ice                   |                | 1       | A  |   |
|                                    | X                 | Contract Lab                                                                 |                |                                          |                  |              |                 |                       |                |         |    |   |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                    |                | PCR-BacR                                 | PCR-DG3          | Ice          |                 |                       |                |         |    |   |
|                                    |                   | PCR-GULL2                                                                    |                | PCR-GFD                                  |                  |              |                 |                       |                |         |    |   |
| Tracers (BG-500ML)                 |                   | W-E8321-DI                                                                   |                | W-E8321-MS                               |                  | Ice          |                 |                       |                |         |    |   |
|                                    | X                 | W-E8321-DI                                                                   | X              | W-E8321-MS                               | X                | W-PSNP-TQ    |                 | MCAA Exp.             | MCAA Lot#      |         |    |   |
| Pesticides (BG-500ML) (BG-1L)      | X                 | W-PCL-TQ-R                                                                   | X              | W-CARB-AA (5 ml of MCAA Buffer Solution) | X                | W-CT-CL-R    | X               | Ice                   | 03/01/24       | 1139737 | 10 | A |
|                                    | X                 | W-TR-SQ-R                                                                    | X              | W-PCB-TQ-R                               |                  |              |                 |                       |                |         |    |   |
| 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                                                 |                |                                          |                  |              |                 |                       |                |         |    |   |

**SAMPLE TRANSMITTAL FORM**  
Document Reference # 05.1.0

Document Reference # 05.1.0

Project: FDEP

Laboratory: Wetlands Research Laboratory

**Sampler's initials:**

Method of transport: on ice by hand

Page 1 of 1

Samples delivered by:

Date/Time: 3/7/23 11:03:36

Sample received by:  of WRL

Date/Time: 2/19/23 11:03:60

Instructions: Fill in all fields except "lab ID" on sample transport form completely. Each sample container must use a separate line. Place this form in a waterproof bag and place it with the samples for transport. If a field log or other chain of custody is attached, that information may be referenced on this form and the log or COC attached.

[illegible]

Comments: Sample Container lot# 21347 PO # C01214 Surface water, no chlorine expected

RQ-2023-03-06-47

Contact organization FDEP

**Contact name: Stopher Slade**

Phone: 850-595-8300

Address 160 Governmental Center, suite 308, Pensacola, FL 32502

**Sampler's name:**

Matrix examples: SW = surface water, PW = pore water, GW = ground water, FW = Freshwater, MW = Marine Water, BW = Brackish Water S = soil/sediment, Other X =

Type codes: G = grab, C = composite, X =



Date of Request: 15-FEB-2023  
 Created By: SLADE\_C On: 15-FEB-2023  
 Modified By: JASROTIA\_P On: 17-FEB-2023  
 Customer: NW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northwest District  
 Event Description: Escambia Bay Run

**Send Coolers To:**

Phone: 850-595-0567  
 160 W Government Street  
 Suite 208  
 Pensacola, FL 32502-5794  
 Attn: Stopher Slade  
 Cooler Ship EMail: christopher.slade@dep.state.fl.us

Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 16-FEB-2023  
 Biology Request Reviewed By: JASROTIA\_P On: 17-FEB-2023  
 Sampling Kit Required: YES Ship on: 24-FEB-2023  
 Sampling Kit Shipped: YES On: 21-FEB-2023  
 Sampling Kit Packed By: PENDLETO\_C  
 Preservatives Needed: YES  
 Date to Receive Samples: 06-MAR-2023  
 Logged In By: SHAIK\_A On: 08-MAR-2023

**Send Final Report To:**

160 W Government Street  
 Suite 208  
 Pensacola, FL 32502-5794  
 Attn: Myranda Butler  
 Report Notification EMail:  
 christopher.slade@floridadep.gov;Myranda.k.butler@floridadep.gov;

Comments: Group A: (WBID 694) Nutrients, Pesticides, Contract Lab Bacteria  
 Group B: (WBID 548AA) Metals, Contract Lab Bacteria  
 Group C: (WBID 548AC) Metals, Contract Lab Bacteria, Bacteria

Packing notes;

FedEx return packing slips

#####

CARBAMATES PRESERVATIVE Needed

#####

**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-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                                                                                     |

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

|                                   |                      |                                                                                                              |
|-----------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L                | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                        | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: TEST HAS NO          | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| NW-UWF-ENQ                        | Template: DEFAULT    | (Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola                                             |
| Bottle Type: BG-500ML             | Number of Bottles: 1 | Preserved With: CH <sub>2</sub> ClCOOH and Ice                                                               |
| W-CARB-AA                         | Template: DEFAULT    | (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS                                                       |
| Bottle Type: BG-500ML FILL TO     | Number of Bottles: 4 | Preserved With: ICE                                                                                          |
| W-CT-CI-R                         | Template: DEFAULT    | (EPA 8276) Chlordane and Toxaphene in water matrices by GC/MS with Negative Chemical Ionization              |
| W-PCB-TQ-R                        | Template: DEFAULT    | (EPA 8270E) PCBs in water matrices by GC/MS/MS                                                               |
| W-PCL-TQ-R                        | Template: DEFAULT    | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS                 |
| Bottle Type: BG-500ML             | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| W-E8321-DI                        | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                      |
| W-E8321-MS                        | Template: SMP        | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                      |
| 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 Type: BG-500ML             | Number of Bottles: 4 | Preserved With: ICE                                                                                          |
| W-PSNP-TQ                         | Template: DEFAULT    | (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS                           |
| W-TR-SQ-R                         | Template:            | (EPA 8270E) Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM                       |

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

|                          |                      |                                                                                                                                                |
|--------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML     | Number of Bottles: 1 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| W-HARD                   | Template: DEFAULT    | (SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO <sub>3</sub>                                              |
| 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:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Strontium               |                      |                                                                                                                                                |
| Aluminum                 |                      |                                                                                                                                                |
| Antimony                 |                      |                                                                                                                                                |
| Arsenic                  |                      |                                                                                                                                                |
| Barium                   |                      |                                                                                                                                                |
| Beryllium                |                      |                                                                                                                                                |
| Boron                    |                      |                                                                                                                                                |
| Cadmium                  |                      |                                                                                                                                                |
| Chromium                 |                      |                                                                                                                                                |
| Cobalt                   |                      |                                                                                                                                                |
| Copper                   |                      |                                                                                                                                                |
| Lead                     |                      |                                                                                                                                                |
| Manganese                |                      |                                                                                                                                                |
| Molybdenum               |                      |                                                                                                                                                |
| Nickel                   |                      |                                                                                                                                                |
| Selenium                 |                      |                                                                                                                                                |
| Silver                   |                      |                                                                                                                                                |
| Thallium                 |                      |                                                                                                                                                |
| Bottle Type: TEST HAS NO | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |

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

Bottle Type: TEST HAS NO      Number of Bottles: 1      Preserved With: ICE  
 NW-UWF-ENQ      Template: DEFAULT      (Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola

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

Bottle Type: P-250ML-WO-THI      Number of Bottles: 1      Preserved With: ICE  
 FCOLI-MF      Template: DEFAULT      (SM 9222 D) Fecal coliforms by membrane filter method - non-chlorinated water systems

Bottle Type: TEST HAS NO      Number of Bottles: 1      Preserved With: ICE  
 NW-UWF-ENQ      Template: DEFAULT      (Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola

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

\*Strontium

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.

