

# Login Checklist

RQ- **2022 - 11 - 14 - 31**

Login Station ID: **# 2**

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **11/18/2022 / 09:50**

| *Cooler Temperature | Samples Frozen? | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Waybill Tracking # |
|---------------------|-----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|--------------------|
|                     |                 |                                        |          |                                       | Present?      |    | *Intact? |    |                    |
|                     | YES             | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                    |
| 1.6C                |                 |                                        |          | 11                                    |               | X  |          |    | 5859 4730 5554     |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |
|                     |                 |                                        |          |                                       |               |    |          |    |                    |

## 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/ FieldSheet(s) Included?

Yes **x** No **W// ABS**

## 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: **ABS /**

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No \_\_\_\_\_ 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: **11/18/2022**

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

EventID: **NW - DIST - 2022 - 11 - 18 - 02**

## Login Checklist

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     | 0070 / 2023 / 02         |

### ENCORE SAMPLES

**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:** 11/17/2022      **Collected By:** Nathan Mulkey, Hannah Henning  
**Customer:** NW-DIST      **Sampling Agency:** FDEP  
**RQ:** RQ-2022-11-14-31      **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                                                                                     |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Escambia River downstream of Cotton Lake  | <br>G4NW0403      |
| Escambia River upstream of Mitchell Creek | <br>G4NW0404      |
| FB                                        | <br>FB_11172022 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 11/17/2022  
1630 CEN

**THIS SECTION TO BE COMPLETED BY LABORATORY**

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

**Rec'd/Inspected** 11/18/2022  
**Date:**



|                                                                                                                                               |                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| <b>RQ-2022-11-14-31</b>                                                                                                                       | <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> G4NW0403 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory. |

**Location:** Escambia River downstream of Cotton Lake

**Matrix:** Fresh

(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) |           |       |    |    |   |   |
|------------------------------------|-------------------|----------------------------------------------------------------------------|----------------|------------------------------------------|-----------------------------------|--------------|-----------------|-----------------------|----------------|-----------|-------|----|----|---|---|
| 11/17/2022 825                     | 9.35              | 88.3                                                                       | 13.5           | 7.2                                      | 0.3                               | 1            | 1.4             | 121.4                 | 0.06           |           |       |    |    |   |   |
| Parameter Suite                    | Parameter Methods |                                                                            |                |                                          | Preservation                      |              | pH Check        | # Bottles sent to Lab | Bottle Group   |           |       |    |    |   |   |
| Preserved Nutrients (P-500ML)      | X                 | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                |                |                                          | X                                 | Ice          | X               | H2SO4*                | X              | <2        | 1     | A  |    |   |   |
|                                    |                   | Lot #                                                                      | SA214560       |                                          | Exp:                              | 06022023     |                 |                       |                |           |       |    |    |   |   |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                    |                | X                                        | W-ICP                             | X            | W-HARD          | X                     | Ice            | X         | HNO3* | X  | <2 | 1 | A |
|                                    |                   | Lot #                                                                      | NA1286110      |                                          | Exp:                              | 11162022     |                 |                       |                |           |       |    |    |   |   |
| 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-CH-C / 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 Coli                                   |                                   | 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                   |                |           |       |    |    |   |   |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-E8321-DI                                                                 |                | W-E8321-MS                               |                                   | W-PSNP-TQ    |                 | Ice                   | MCAA Exp.      | MCAA Lot# |       |    |    |   |   |
|                                    |                   | W-PCL-TQ-R                                                                 |                | W-CARB-AA (5 ml of MCAA Buffer Solution) |                                   | W-CT-CL-R    |                 |                       |                |           |       |    |    |   |   |
|                                    |                   | W-TR-SQ-R                                                                  |                | W-PCB-TQ-R                               |                                   |              |                 |                       |                |           |       |    |    |   |   |
| Phytoplankton                      |                   | DTY-QN-C                                                                   |                |                                          | PKD-QN-BV                         |              |                 | Ice                   |                |           |       |    |    |   |   |
| DOC                                |                   | W-DOC                                                                      |                |                                          | Field Filtered 0.45 µm Filter     |              |                 | Ice                   |                | H2SO4*    |       | <2 |    |   |   |
|                                    |                   |                                                                            |                |                                          | Acid Preservative Expiration Date |              |                 |                       |                |           |       |    |    |   |   |
|                                    |                   |                                                                            |                |                                          | Acid Preservative Lot Number      |              |                 |                       |                |           |       |    |    |   |   |



RQ-2022-11-14-31

Customer: FDEP

Project ID: SMP

Collected By: Nathan Mulkey, Hannah Henning

Field Report Prepared by: Nathan Mulkey,  
Hannah Henning

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G4NW0404

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

Location: Escambia River upstream of Mitchell Creek

Matrix: Fresh

(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) |
|---------------------|-----------|-----------|----------|------|------------------|--------------|-----------------|--------------------|----------------|
| 11/17/2022 910      | 9.46      | 88.9      | 13.2     | 7.25 | 0.3              | 1.1          | 1.5             | 118.5              | 0.06           |

  

| 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* | 1                     | A            |   |   |
|                                    |                   | Lot #                                                                      | SA214560                          |                                          | Exp:         | 06022023    |          |        |                       |              |   |   |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                    | X                                 | W-ICP                                    | X            | W-HARD      | X        | Ice    | X                     | HNO3*        | 1 | A |
|                                    |                   | Lot #                                                                      | NA2126030                         |                                          | Exp:         | 06022023    |          |        |                       |              |   |   |
| 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-CH-C / 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 Coli                                   |              | 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    |                       |              |   |   |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-E8321-DI                                                                 |                                   | W-E8321-MS                               |              | W-PSNP-TQ   |          | Ice    | MCAA Exp.             | MCAA Lot#    |   |   |
|                                    |                   | W-PCL-TQ-R                                                                 |                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) |              | W-CT-CL-R   |          |        |                       |              |   |   |
|                                    |                   | W-TR-SQ-R                                                                  |                                   | W-PCB-TQ-R                               |              |             |          |        |                       |              |   |   |
| Phytoplankton                      |                   | DTY-QN-C                                                                   |                                   | PKD-QN-BV                                |              |             |          | Ice    |                       |              |   |   |
| DOC                                |                   | W-DOC                                                                      |                                   | Field Filtered 0.45 µm Filter            |              | Ice         |          | H2SO4* | <2                    |              |   |   |
|                                    |                   |                                                                            | Acid Preservative Expiration Date |                                          |              |             |          |        |                       |              |   |   |
|                                    |                   |                                                                            | Acid Preservative Lot Number      |                                          |              |             |          |        |                       |              |   |   |

| Location: FB                       |           |                                      |                                                                              |                                          |                  |              |                 |                     |                              |                                                                                         |        |                       |              |    |   |    |   |   |
|------------------------------------|-----------|--------------------------------------|------------------------------------------------------------------------------|------------------------------------------|------------------|--------------|-----------------|---------------------|------------------------------|-----------------------------------------------------------------------------------------|--------|-----------------------|--------------|----|---|----|---|---|
| Matrix: W-FIELD-BLANK              |           |                                      |                                                                              |                                          |                  |              |                 |                     |                              | (Check One) <input checked="" type="checkbox"/> Grab <input type="checkbox"/> 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 <sub>h</sub> ) |                                                                                         |        |                       |              |    |   |    |   |   |
| 11/17/2022 920                     |           |                                      |                                                                              |                                          |                  |              |                 |                     |                              |                                                                                         |        |                       |              |    |   |    |   |   |
| 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 #                                |                                                                              | SA214560                                 |                  | Exp:         |                 | 06022023            |                              |                                                                                         |        |                       |              |    |   |    |   |   |
| Metals (P-500ML)                   |           | x                                    | W-ICPMS                                                                      |                                          | X                | W-ICP        |                 | X                   | W-HARD                       | X                                                                                       | Ice    |                       | HNO3*        |    | X | <2 | 1 | B |
|                                    |           | Lot #                                |                                                                              | NA2126030                                |                  | Exp:         |                 | 060220223           |                              |                                                                                         |        |                       |              |    |   |    |   |   |
| Filtered Nutrients (P125ML)        |           | W-PO4-F                              |                                                                              | Field Filtered 0.45 um Filter            |                  |              |                 | Ice                 |                              |                                                                                         |        |                       |              |    |   |    |   |   |
| Filter Lot #                       |           |                                      |                                                                              | Syringe Lot #                            |                  |              |                 |                     |                              |                                                                                         |        |                       |              |    |   |    |   |   |
| BOD (BP-1L)                        |           | OV-BODU NIN                          |                                                                              |                                          |                  | Ice          |                 |                     |                              |                                                                                         |        |                       |              |    |   |    |   |   |
| Chlorophyll (BP-1L)                |           | CHLSUITE-W                           |                                                                              |                                          |                  | Ice          |                 |                     |                              |                                                                                         |        |                       |              |    |   |    |   |   |
| Physical/Aggregate (Fresh) (P-1L)  |           | X                                    | Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS |                                          |                  |              |                 | X                   | Ice                          |                                                                                         |        |                       |              |    |   |    |   |   |
| Physical/Aggregate (Marine) (P-1L) |           | Alkalinity / W-F / W-TSS / TURBIDITY |                                                                              |                                          |                  |              | Ice             |                     |                              |                                                                                         |        |                       |              |    |   |    |   |   |
| Macroinvertebrates (PJ-2L)         |           | MI-FW-QLDC                           |                                                                              | Formalin Lot #                           |                  |              | Formalin        |                     |                              |                                                                                         |        |                       |              |    |   |    |   |   |
| Periphyton (PT-50ML)               |           | ALGAE-ID                             |                                                                              |                                          |                  |              | Ice             |                     |                              |                                                                                         |        |                       |              |    |   |    |   |   |
| Microbiology (Contract Lab Bottle) |           | E Coli                               |                                                                              | F Coli                                   |                  | Enterococci  |                 | Ice                 |                              |                                                                                         |        |                       |              |    |   |    |   |   |
|                                    |           | Contract Lab                         |                                                                              |                                          |                  |              |                 |                     |                              |                                                                                         |        |                       |              |    |   |    |   |   |
| Molecular (QPCR-P-500ML)           |           | PCR-HF183                            |                                                                              | PCR-BacR                                 |                  | PCR-DG3      |                 | Ice                 |                              |                                                                                         |        |                       |              |    |   |    |   |   |
|                                    |           | PCR-GULL2                            |                                                                              | PCR-GFD                                  |                  |              |                 |                     |                              |                                                                                         |        |                       |              |    |   |    |   |   |
| Tracers (BG-500ML)                 |           | W-E8321-DI                           |                                                                              | W-E8321-MS                               |                  |              | 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             |                     | H2SO 4*                      |                                                                                         | <2     |                       |              |    |   |    |   |   |
|                                    |           |                                      |                                                                              | Acid Preservative Expiration Date        |                  |              |                 |                     |                              |                                                                                         |        |                       |              |    |   |    |   |   |
|                                    |           |                                      |                                                                              | Acid Preservative Lot Number             |                  |              |                 |                     |                              |                                                                                         |        |                       |              |    |   |    |   |   |

## Document Reference # 05.1.0

Sampler's initials: NM/HH

Page 1 of 1

Date/Time: 11/17/22 1 1034

Date/Time: 11/17/22 1:036

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]

Surface water, no chlorine expected

**RQ -2022-11-14-31**

Phone: 850-595-8300

Sampler's name:

<sup>1</sup>Matrix examples: SW = surface water, PW = pore water, GW = ground water, FW = Freshwater, MW = Marine Water, BW = Brackish Water, S = soil/sediment, Other X =

<sup>3</sup> Recorded using IRT-2

Date of Request: 17-OCT-2022  
 Created By: SLADE\_C On: 17-OCT-2022  
 Modified By: JASROTIA\_P On: 26-OCT-2022  
 Customer: NW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northwest District  
 Event Description: Escambia River 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: 26-OCT-2022  
 Biology Request Reviewed By: JASROTIA\_P On: 26-OCT-2022  
 Sampling Kit Required: YES Ship on: 04-NOV-2022  
 Sampling Kit Shipped: YES On: 02-NOV-2022  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: NO  
 Date to Receive Samples: 14-NOV-2022  
 Logged In By: SHAIK\_A On: 18-NOV-2022

**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 10A&10B) Freshwater Nutrients, Metals, Contract Lab Bacteria

Group B: (Field Blank) Nutrients no Chlorophyll, Metals

Packing notes;

FedEx return packing slips

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

|                          |                      |                                                                                                                                                |
|--------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L        | Number of Bottles: 2 | 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: 2 | 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: 2 | Preserved With: ICE                                                                                                                            |
| NW-UWF-ECQ               | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola                                                                          |
| Bottle Type: P-500ML     | Number of Bottles: 2 | 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 |

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

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | Preserved With: HNO3                                                                                                                           |
| 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             |                      |                                                                                                                                                |

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | Preserved With: ICE And H2SO4                                       |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L          |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices    |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices    |

**Bottle 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: 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               |                      |                                                                                                                                                |

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

Bottle Type: P-500ML      Number of Bottles: 1      Preserved With: HNO3  
 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

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

Bottle Type: P-500ML      Number of Bottles: 1      Preserved With: ICE And H2SO4  
 W-NH3      Template: DEFAULT      (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L  
 W-NO2NO3      Template: DEFAULT      (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  
 W-S-A-TP      Template: DEFAULT      (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L  
 W-TKN      Template: DEFAULT      (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices  
 W-TOC      Template: DEFAULT      (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices