

# Login Checklist

RQ- 2021-07-09-40

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 7/ 9 /21 @ 9:20

| *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 |                    |
| 1.5                 |                 |                                        |          | 5                                     |               | <input checked="" type="checkbox"/> |          |    | 9293 8014 6482     |
|                     |                 |                                        |          |                                       |               |                                     |          |    |                    |
|                     |                 |                                        |          |                                       |               |                                     |          |    |                    |
|                     |                 |                                        |          |                                       |               |                                     |          |    |                    |
|                     |                 |                                        |          |                                       |               |                                     |          |    |                    |
|                     |                 |                                        |          |                                       |               |                                     |          |    |                    |

## COOLER CHECK

\*All samples received on ice unless otherwise noted. HNO3 and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# \_\_\_\_\_
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# \_\_\_\_\_
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# \_\_\_\_\_
- If coolers or samples are received late; identify the affected samples in an NCR. NCR# \_\_\_\_\_

Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No \_\_\_\_\_

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes ☒ No \_\_\_\_\_

## CONTAINER CHECK

Evidence Tape on Bottles?

Yes \_\_\_\_\_ No \_\_\_\_\_ NA ☒

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

If Criminal, photographs taken?

Yes \_\_\_\_\_ No \_\_\_\_\_

Containers intact? Yes ☒ No \_\_\_\_\_

Caps on tight?

Yes ☒ No \_\_\_\_\_

Sufficient Sample Volume:

Yes ☒ No \_\_\_\_\_

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

**CHLORINE CHECK REQUIRED?** (Blue dot on container)

Yes \_\_\_\_\_ No ☒ Init: kh

Chlorine detected? (One container checked per Field ID)

Yes \_\_\_\_\_ No \_\_\_\_\_ Init: \_\_\_\_\_

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

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

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

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

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

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

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

Coolers Unpacked/Checked by: kh

Date: 7/ 9 /21

Event contains NCRs (Y/N)? N

Event ID: Bay Walton County Run  
NW-DIST-2021-07-09-02 (SMP)

Date Received: 09-JUL-2021 09:20

## Login Checklist

**Login Preservation Equipment**

**Lot # & Exp: Date**

**Additional Comments:**

|                                 |                             |
|---------------------------------|-----------------------------|
| <b>Infrared Thermometer ID:</b> | IR TEMP GUN #5 EXP:10-28-21 |
| <b>pH Test Strips 0 – 6</b>     | Lot#210620 EXP:4-15-23      |
| <b>pH Paper 0 – 3</b>           |                             |
| <b>pH Paper 0 – 13</b>          | Lot#210620 EXP:4-15-23      |
| <b>Chlorine Test Strips</b>     | Lot#0261 EXP:5-23           |

### ENCORE SAMPLES

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

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

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

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

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

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

**FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check(W-HG-AF;W-HG-AF-F):**

Samples preserved within 48 hours?      Yes \_\_\_\_\_      No \_\_\_\_\_

Date and time samples preserved: \_\_\_\_\_

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 7/8/2021  
**Collected By:** Christopher Stopher Slade, Myranda Butler  
**Customer:** NW-DIST  
**Sampling Agency:** FDEP  
**RQ:** RQ-2021-07-05-40  
**Project ID:** SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

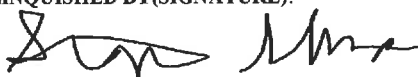
**Number of Coolers Shipped:** 1

**Delivery Method:** FedEx

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

| Site Location                              | Field ID/WIN ID                                                                                  |
|--------------------------------------------|--------------------------------------------------------------------------------------------------|
| Little Black Creek upstream of Black Creek | <br>G3NW0200   |
| Lafayette Creek                            | <br>G3NW0455  |
| Seven Runs upstream of Hwy 81              | <br>G3NW0116 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 7/8/2021 1630  
CEN

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: 

Rec'd/Inspected

Date: 7-9-21 / 0920



|                                                                                                                                               |                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| RQ-2021-07-05-40                                                                                                                              | <b>Collected By:</b> Christopher Stopher Slade, Myranda Butler                          |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Christopher Stopher Slade, Myranda Butler              |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                                            |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3NW0200 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory, "R" qualified |

**Location:****Location:** Little Black Creek upstream of Black Creek

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time {CEN} | DO (mg/L) | DO (%SAT) | Temp. © | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT) |
|---------------------|-----------|-----------|---------|------|------------------|--------------|-----------------|---------------------|----------------|
| 7/8/2021 935        | 6.74      | 79.5      | 23.6    | 3.76 | 0.3              | 0.7          | 0.7             | 23.4                | 0.01           |

| 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 | C |  |  |
|                                    |                   | Lot # 353110                                                                |                                            | Exp: 1/11/22 |                               |           |             |        |                       |              |   |   |  |  |
| Metals (P-500ML)                   |                   | W-ICPMS                                                                     |                                            | W-ICP        |                               | Ice       |             | HNO3*  |                       | <2           |   |   |  |  |
|                                    |                   | Lot #                                                                       |                                            | Exp:         |                               |           |             |        |                       |              |   |   |  |  |
| Filtered Nutrients (P125ML)        | X                 | W-PO4-F                                                                     |                                            | X            | Field Filtered 0.45 µm Filter |           |             |        | X                     | Ice          | 1 | C |  |  |
|                                    |                   | Filter Lot #                                                                |                                            |              | 17236199                      |           |             |        |                       |              |   |   |  |  |
|                                    |                   | Syringe Lot #                                                               |                                            |              | 1005533                       |           |             |        |                       |              |   |   |  |  |
|                                    |                   |                                                                             |                                            |              |                               |           |             |        |                       |              |   |   |  |  |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                  |                                            |              | X                             | Ice       |             |        |                       |              | 1 | C |  |  |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS |                                            |              | X                             | Ice       |             |        |                       |              | 1 | C |  |  |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-BR-IC / 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 | C |  |  |
|                                    | X                 | Contract Lab                                                                |                                            |              |                               |           |             |        |                       |              |   |   |  |  |
| Molecular (QPCR-P-500ML)           |                   | PCR-HF183                                                                   |                                            |              | PCR-BacR                      |           | PCR-DG3     |        |                       |              |   |   |  |  |
|                                    |                   | PCR-GULL2                                                                   |                                            |              | PCR-GFD                       |           |             |        |                       |              |   |   |  |  |
| Tracers (BG-500ML)                 |                   | W-E8321-DI                                                                  |                                            |              | W-E8321-MS                    |           |             |        |                       |              |   |   |  |  |
| Pesticides (BG-500ML) (BG-1L)      |                   | W-E8321-DI                                                                  | W-E8321-MS                                 |              |                               | W-PSNP-TQ |             |        | X                     | Ice          |   |   |  |  |
|                                    |                   | W-PCL-TQ-R                                                                  | W-CARB-AA (5 ml of MCAA** Buffer Solution) |              |                               | W-CT-CL-R |             |        |                       |              |   |   |  |  |
| Phytoplankton                      |                   | DTY-QN-C                                                                    |                                            |              | PKD-QN-BV                     |           |             |        |                       |              |   |   |  |  |



|                                                                                                                                               |                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| RQ-2021-07-05-40                                                                                                                              | <b>Collected By:</b> Christopher Stopher Slade, Myranda Butler                          |
| <b>Customer:</b> FDEP                                                                                                                         | <b>Field Report Prepared by:</b> Christopher Stopher Slade, Myranda Butler              |
| <b>Project ID:</b> SMP                                                                                                                        | <b>Sampling Agency:</b> FDEP                                                            |
| <b>WIN ID/Field ID:</b> <br><b>WIN ID/Field ID:</b> G3NW0455 | <b>Comments:</b> Microbiology sample(s) submitted to contract laboratory, "R" qualified |

**Location:**  
**Location:** Lafayette Creek

Matrix: Fresh (Check One) ☒ Grab ☐ Composite

| Date and Time {CEN}                | DO (mg/L)                                                                    | DO (%SAT)         | Temp. ©                                     | pH     | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPTH        |              |     |
|------------------------------------|------------------------------------------------------------------------------|-------------------|---------------------------------------------|--------|------------------|--------------|-----------------|---------------------|-----------------------|--------------|-----|
| 7/8/2021 900                       | 7.09                                                                         | 82.8              | 23.2                                        | 4.49   | 0.3              | 1            | 1.4             | 25.3                | 0.01                  |              |     |
| Parameter Suite                    |                                                                              | Parameter Methods |                                             |        |                  | Preservation |                 | pH Check            | # Bottles sent to Lab | Bottle Group |     |
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                  |                   |                                             |        |                  | Ice          |                 | H2SO4*              | <2                    |              |     |
|                                    | Lot #                                                                        |                   |                                             |        | Exp:             |              |                 |                     |                       |              |     |
| Metals (P-500ML)                   | x                                                                            | W-ICPMS           | X                                           | W-ICP  | X                | W-HARD       | X               | Ice                 | X                     | HNO3*        |     |
|                                    | Lot #                                                                        |                   | 344060                                      |        | Exp:             |              | 1/4/2022        |                     | X                     | <2           |     |
| Filtered Nutrients (P125ML)        | W-PO4-F                                                                      |                   | Field Filtered 0.45 µm Filter               |        |                  | Ice          |                 |                     |                       |              |     |
|                                    | Filter Lot #                                                                 |                   |                                             |        |                  |              |                 |                     |                       |              |     |
|                                    | Syringe Lot #                                                                |                   |                                             |        |                  |              |                 |                     |                       |              |     |
| 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-BR-IC / 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 |
|                                    | 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             |                     |                       |              |     |
|                                    | W-PCL-TQ-R                                                                   |                   | W-CARB-AA ( 5 ml of MCAA** Buffer Solution) |        | W-CT-CL-R        |              |                 |                     |                       |              |     |
| Phytoplankton                      | DTY-QN-C                                                                     |                   | PKD-QN-BV                                   |        |                  | Ice          |                 |                     |                       |              |     |



RQ-2021-07-05-40

Collected By: Christopher Stopher Slade, Myranda Butler

Customer: FDEP

Field Report Prepared by: Christopher Stopher Slade, Myranda Butler

Project ID: SMP

Sampling Agency: FDEP

 WIN ID/Field ID:   
 WIN ID/Field ID: G3NW0116

Comments: Microbiology sample(s) submitted to contract laboratory, "R" qualified

Location:

Location: Seven Runs upstream of Hwy 81

Matrix: Fresh

(Check One) ☒ Grab ☐ Composite

| Date and Time {CEN} | DO (mg/L) | DO (%SAT) | Temp. © | pH   | Sample Depth (m) | Secchi Depth | Total Depth (m) | Sp COND (µmhos /cm) | Salinity (PPT) |
|---------------------|-----------|-----------|---------|------|------------------|--------------|-----------------|---------------------|----------------|
| 7/8/2021 1020       | 7.38      | 85.5      | 22.8    | 4.02 | 0.3              | 0.8          | 0.8             | 21.5                | 0.01           |

| Parameter Suite                    | Parameter Methods                                                           |                                            |             | Preservation | pH Check | # Bottles sent to Lab | Bottle Group |
|------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------|-------------|--------------|----------|-----------------------|--------------|
| Preserved Nutrients (P-500ML)      | W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP                                 |                                            |             | Ice          | H2SO4*   |                       |              |
|                                    | Lot #                                                                       |                                            | Exp:        |              | <2       |                       |              |
| Metals (P-500ML)                   | W-ICPMS / W-ICP / W-HARD                                                    |                                            |             | Ice          | HNO3*    |                       |              |
|                                    | Lot #                                                                       |                                            | Exp:        |              | <2       |                       |              |
| Filtered Nutrients (P125ML)        | W-PO4-F / Field Filtered 0.45 µm Filter                                     |                                            |             | Ice          |          | 1                     | D            |
|                                    | Filter Lot #                                                                |                                            |             |              |          |                       |              |
|                                    | Syringe Lot #                                                               |                                            |             |              |          |                       |              |
| 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-BR-IC / 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        |          |                       |              |
|                                    | 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          |          |                       |              |
|                                    | W-PCL-TQ-R                                                                  | W-CARB-AA (5 ml of MCAA** Buffer Solution) | W-CT-CL-R   |              |          |                       |              |
| Phytoplankton                      | DTY-QN-C                                                                    | PKD-QN-BV                                  |             | Ice          |          |                       |              |

## Document Reference # 05.1.0

Laboratory: Wetlands Research Laboratory

**Sampler's initials :**

Page 1 of 1

Date/Time: 7/8/21 , 11209

Date/Time: 07/08/2012 11:20

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 CUC attached.

[illegible]

Surface water, no chlorine expected

**RQ-2021-07-05-40**

Contact name Mike King

Phone: 850-595-0605

Sampler's name: Josh Korte

<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: 14-JUN-2021  
 Created By: KING\_M On: 14-JUN-2021  
 Modified By: JASROTIA\_P On: 15-JUN-2021  
 Customer: NW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northwest District  
 Event Description: Bay Walton County Run

**Send Coolers To:**

Phone: 850-595-0605  
 160 Government Center  
 Suite 208  
 Pensacola, FL 32502-5794  
 Attn: Michael King  
 Cooler Ship EMail: michael.king@dep.state.fl.us

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 15-JUN-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 15-JUN-2021  
 Sampling Kit Required: YES Ship on: 25-JUN-2021  
 Sampling Kit Shipped: YES On: 23-JUN-2021  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: YES  
 Date to Receive Samples: 05-JUL-2021  
 Logged In By:

**Send Final Report To:**

160 Government Center  
 Suite 208  
 Pensacola, FL 32502-5794  
 Attn: Myranda Butler  
 Report Notification EMail:  
 Michael.King@dep.state.fl.us;myranda.butler@dep.state.fl.us

Comments: Group A: (WBID 528) Freshwater Nutrients, Metals, Contract Lab Bacteria  
 Group B: (WBID 644) Metals, Contract Lab Bacteria  
 Group C: (WBID 719) Freshwater Nutrients, Contract Lab Bacteria  
 Group D: (WBID 570) Contract Lab Bacteria

Packing notes;

FedEx return packing slips

1 - box Nitric acid

**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    | (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                              |
| Color (true)             |                      |                                                                                                              |
| W-F                      | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)       |
| W-SO <sub>4</sub> -IC    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |
| W-TDS                    | Template: DEFAULT    | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                                  |
| W-TSS                    | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |
| Bottle Type: BP-1L       | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| CHLSUITE-W               | Template: DEFAULT    | (SM 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-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: 1 | Preserved With: HNO <sub>3</sub>                                                                             |

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

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-HARD               | Template: DEFAULT    | (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                                                                |
| Hardness             |                      |                                                                                                                                                |
| W-ICP                | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium               |                      |                                                                                                                                                |
| Cadmium              |                      |                                                                                                                                                |
| Iron                 |                      |                                                                                                                                                |
| Magnesium            |                      |                                                                                                                                                |
| Manganese            |                      |                                                                                                                                                |
| Potassium            |                      |                                                                                                                                                |
| Sodium               |                      |                                                                                                                                                |
| 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                    |
| *Boron               |                      |                                                                                                                                                |
| Aluminum             |                      |                                                                                                                                                |
| Antimony             |                      |                                                                                                                                                |
| Arsenic              |                      |                                                                                                                                                |
| Beryllium            |                      |                                                                                                                                                |
| Cadmium              |                      |                                                                                                                                                |
| Chromium             |                      |                                                                                                                                                |
| Copper               |                      |                                                                                                                                                |
| Lead                 |                      |                                                                                                                                                |
| 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                         |
| Bottle Type: P-125ML | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                               |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L |

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

|                          |                      |                                                                                                                                                |
|--------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: TEST HAS NO | Number of Bottles: 1 | 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: 1 | Preserved With: HNO3                                                                                                                           |
| W-HARD                   | Template: DEFAULT    | (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                                                                |
| Hardness                 |                      |                                                                                                                                                |
| W-ICP                    | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium                   |                      |                                                                                                                                                |
| Cadmium                  |                      |                                                                                                                                                |
| Iron                     |                      |                                                                                                                                                |
| Magnesium                |                      |                                                                                                                                                |
| Manganese                |                      |                                                                                                                                                |
| Potassium                |                      |                                                                                                                                                |
| Sodium                   |                      |                                                                                                                                                |
| 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                    |
| *Boron                   |                      |                                                                                                                                                |
| Aluminum                 |                      |                                                                                                                                                |
| Antimony                 |                      |                                                                                                                                                |
| Arsenic                  |                      |                                                                                                                                                |
| Beryllium                |                      |                                                                                                                                                |
| Cadmium                  |                      |                                                                                                                                                |
| Chromium                 |                      |                                                                                                                                                |

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

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

**Bottle Group C (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-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: 1 | Preserved With: ICE And H2SO4                                                                                |
| W-NH3                    | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |
| W-NO2NO3                 | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                           |
| W-S-A-TP                 | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                          |
| W-TKN                    | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                             |
| W-TOC                    | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                                             |
| Bottle Type: P-125ML     | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                                                   |
| W-PO4-F                  | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |
| 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    | (SM 2120 B-2011) 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-2011) Total Dissolved Solids in aqueous matrices                                                  |
| W-TSS                    | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |

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

|                          |                      |                                                                       |
|--------------------------|----------------------|-----------------------------------------------------------------------|
| Bottle Type: TEST HAS NO | Number of Bottles: 1 | Preserved With: ICE                                                   |
| NW-UWF-ECQ               | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola |

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