

# Login Checklist

RQ- 2023-06-19-26

Login Station ID: #3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 6/21/23 - 0907

| *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 |                    |
| 0.1                 |                 |                                        |          | 7                                     |               | X  |          |    | 5859147368364      |
|                     |                 |                                        |          |                                       |               | X  |          |    |                    |
|                     |                 |                                        |          |                                       |               | X  |          |    |                    |
|                     |                 |                                        |          |                                       |               | X  |          |    |                    |
|                     |                 |                                        |          |                                       |               | X  |          |    |                    |
|                     |                 |                                        |          |                                       |               | X  |          |    |                    |

## COOLER CHECK

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

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

Chain of Custody/ Field Sheet(s) Included?

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

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

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

## CONTAINER CHECK

Evidence Tape on Bottles?

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

If Criminal, photographs taken?

Yes \_\_\_\_\_ No \_\_\_\_\_ Containers intact? Yes X No \_\_\_\_\_

Caps on tight?

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

Sufficient Sample Volume:

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

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

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

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

Chlorine detected? (One container checked per Field ID)

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

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

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

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

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

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

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

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

Coolers Unpacked/Checked by: BKK

Date: 6/21/23 Event contains NCRs(Y/N)? N

Rest Area Run

EventID: NW-DIST-2023-06-21-01 (SMP)

Date Received: 21-JUN-2023 09:07

## Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

|                          |                               |
|--------------------------|-------------------------------|
| Infrared Thermometer ID: | IR TEMP GUN #3 Exp:10/17/2023 |
| pH Test Strips 0 – 6     | Lot#223819AV   Exp:8/30/23    |
| pH Paper 0 – 3           |                               |
| pH Paper 0 – 13          | Lot#207621   Exp:3/15/24      |
| Chlorine Test Strips     | Lot#0070   Exp:2/23           |

### 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# \_\_\_\_\_

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
CHAIN OF CUSTODY FORM

**Date:** 6/20/2023 **Collected By:** Frank Butera, Nathan Mulkey  
**Customer:** NW-DIST **Sampling Agency:** FDEP  
**RQ:** RQ-2023-06-19-26 **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                                                                                |
|---------------------------------------|------------------------------------------------------------------------------------------------|
| REST AREA RUN BELOW BEAVER POND CREEK | <br>G5NW0068 |
| BEAVER POND CREEK                     | <br>33010066 |

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 6/20/2023  
1600 CEN

**THIS SECTION TO BE COMPLETED BY LABORATORY**

Rec'd/Inspected By: Brian French Rec'd/Inspected Date: 6/21/23 0907



|                  |                                                       |
|------------------|-------------------------------------------------------|
| RQ-2023-06-19-26 | Collected By: Frank Butera, Nathan Mulkey             |
| Customer: FDEP   | Field Report Prepared by: Frank Butera, Nathan Mulkey |
| Project ID: SMP  | Sampling Agency: FDEP                                 |

WIN ID/Field ID:



WIN ID/Field ID: G5NW0068

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

YSI failed D.O. post-verification

Location: REST AREA RUN BELOW BEAVER POND 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 (PPTH) |                       |              |   |   |   |   |   |
|------------------------------------|----------------------------------|------------------------------------------------------------------------------|------------------------------------------|-------------------------------|------------------|--------------|-----------------|---------------------|-----------------|-----------------------|--------------|---|---|---|---|---|
| 6/20/2023 926                      | 6.98                             | 80.7                                                                         | 22.4                                     | 5.65                          | 0.2              | 0.3          | 0.4             | 68.1                | 0.03            |                       |              |   |   |   |   |   |
| 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 #                                                                        |                                          | SA301320                      |                  | Exp:         | 01/25/2024      |                     |                 |                       |              |   |   |   |   |   |
| Metals (P-500ML)                   |                                  | W-ICPMS                                                                      |                                          | W-ICP                         |                  |              | W-HARD          | Ice                 | HNO3*           |                       | <2           |   |   |   |   |   |
|                                    |                                  | Lot #                                                                        |                                          | Exp:                          |                  |              |                 |                     |                 |                       |              |   |   |   |   |   |
| Filtered Nutrients (P125ML)        |                                  | W-PO4-F                                                                      |                                          | Field Filtered 0.45 µm Filter |                  |              |                 | Ice                 |                 |                       |              |   |   |   |   |   |
|                                    |                                  | Filter Lot #                                                                 |                                          | Syringe Lot #                 |                  |              |                 |                     |                 |                       |              |   |   |   |   |   |
| BOD (BP-1L)                        |                                  | OV-BODUNIN                                                                   |                                          |                               |                  |              |                 | Ice                 |                 |                       |              |   |   |   |   |   |
| Chlorophyll (BP-1L)                | X                                | CHLSUITE-W                                                                   |                                          |                               |                  |              | X               | Ice                 |                 |                       |              |   |   | 1 | B |   |
| Physical/Aggregate (Fresh) (P-1L)  | X                                | Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W- TDS |                                          |                               |                  |              | X               | Ice                 |                 |                       |              |   |   | 1 | B |   |
| Physical/Aggregate (Marine) (P-1L) |                                  | Alkalinity / W-F / W-TSS / TURBIDITY                                         |                                          |                               |                  |              |                 | Ice                 |                 |                       |              |   |   |   |   |   |
| Macroinvertebrates (PJ-2L)         |                                  | MI-FW-QLDC                                                                   | Formalin Lot #                           |                               |                  |              | Formalin        |                     |                 |                       |              |   |   |   |   |   |
| Periphyton (PT-50ML)               |                                  | ALGAE-ID                                                                     |                                          |                               |                  |              |                 | Ice                 |                 |                       |              |   |   |   |   |   |
| Microbiology (Contract Lab Bottle) | X                                | E Coli                                                                       |                                          | F Coli                        |                  |              | Enterococci     | X                   | Ice             |                       |              |   |   |   | 1 | B |
|                                    | X                                | Contract Lab                                                                 |                                          |                               |                  |              |                 |                     |                 |                       |              |   |   |   |   |   |
| Molecular (QPCR-P-500ML)           |                                  | PCR-HF183                                                                    |                                          | PCR-BacR                      |                  |              | PCR-DG3         |                     | Ice             |                       |              |   |   |   |   |   |
|                                    |                                  | PCR-GULL2                                                                    |                                          | PCR-GFD                       |                  |              |                 |                     |                 |                       |              |   |   |   |   |   |
| Tracers (BG-500ML)                 |                                  | W-E8321-DI                                                                   |                                          | W-E8321-MS                    |                  |              |                 | Ice                 |                 |                       |              |   |   |   |   |   |
| Pesticides (BG-500ML) (BG-1L)      |                                  | W-E8321-DI                                                                   | W-E8321-MS                               |                               | W-PSNP-TQ        |              | Ice             | MCAA Exp.           | MCAA Lot#       |                       |              |   |   |   |   |   |
|                                    |                                  | W-PCL-TQ-R                                                                   | W-CARB-AA (5 ml of MCAA Buffer Solution) |                               | W-CT-CL-R        |              |                 |                     |                 |                       |              |   |   |   |   |   |
|                                    |                                  | W-TR-SQ-R                                                                    | W-PCB-TQ-R                               |                               |                  |              |                 |                     |                 |                       |              |   |   |   |   |   |
| Phytoplankton                      |                                  | DTY-QN-C                                                                     |                                          | PKD-QN-BV                     |                  |              |                 | Ice                 |                 |                       |              |   |   |   |   |   |
| DOC                                |                                  | W-DOC                                                                        | Field Filtered 0.45 µm Filter            |                               |                  |              | Ice             |                     | H2SO4*          |                       | <2           |   |   |   |   |   |
|                                    | Add Preservative Expiration Date |                                                                              |                                          |                               |                  |              |                 |                     |                 |                       |              |   |   |   |   |   |
|                                    | Add Preservative Lot Number      |                                                                              |                                          |                               |                  |              |                 |                     |                 |                       |              |   |   |   |   |   |



|                  |                                                       |
|------------------|-------------------------------------------------------|
| RQ-2023-06-19-26 | Collected By: Frank Butera, Nathan Mulkey             |
| Customer: FDEP   | Field Report Prepared by: Frank Butera, Nathan Mulkey |
| Project ID: SMP  | Sampling Agency: FDEP                                 |

WIN ID/Field ID:



WIN ID/Field ID: 33010066

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

YSI failed D.O. post-verification

Location: BEAVER POND CREEK

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

| Date and Time<br>{CEN}             | DO<br>(mg/L)      | DO<br>(%SAT)                                                                | Temp. °C                          | pH                                          | Sample<br>Depth (m) | Secchi<br>Depth | Total<br>Depth<br>(m) | Sp COND<br>(µmhos /cm) | Salinity<br>(PPT) |                          |                 |   |   |
|------------------------------------|-------------------|-----------------------------------------------------------------------------|-----------------------------------|---------------------------------------------|---------------------|-----------------|-----------------------|------------------------|-------------------|--------------------------|-----------------|---|---|
| 6/20/2023<br>946                   | 6.25              | 72.6                                                                        | 22.6                              | 6.36                                        | 0.1                 | 0.15            | 0.15                  | 138.8                  | 0.06              |                          |                 |   |   |
| Parameter Suite                    | Parameter Methods |                                                                             |                                   |                                             |                     | Preservation    |                       | pH Check               |                   | # Bottles<br>sent to Lab | Bottle<br>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 #                                                                       |                                   | SA301320                                    |                     | Exp:            | 01/25/2024            |                        |                   |                          |                 |   |   |
| Metals (P-500ML)                   | X                 | W-ICPMS                                                                     | X                                 | W-ICP                                       | X                   | W-HARD          | Ice                   | X                      | HNO3*             | X                        | <2              | 1 | A |
|                                    |                   | Lot #                                                                       |                                   | NA2230040                                   |                     | Exp:            | 09/01/2023            |                        |                   |                          |                 |   |   |
| Filtered Nutrients (P125ML)        |                   | W-PO4-F                                                                     |                                   | Field Filtered 0.45 µm Filter               |                     |                 |                       |                        |                   |                          |                 |   |   |
|                                    |                   | Filter Lot #                                                                |                                   | Syringe Lot #                               |                     |                 | Ice                   |                        |                   |                          |                 |   |   |
| BOD (BP-1L)                        |                   | OV-BODUNIN                                                                  |                                   |                                             |                     |                 |                       | Ice                    |                   |                          |                 |   |   |
| Chlorophyll (BP-1L)                | X                 | CHLSUITE-W                                                                  |                                   |                                             |                     |                 | X                     | Ice                    |                   |                          |                 | 1 | A |
| Physical/Aggregate (Fresh) (P-1L)  | X                 | Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS |                                   |                                             |                     |                 | X                     | Ice                    |                   |                          |                 | 1 | A |
| Physical/Aggregate (Marine) (P-1L) |                   | Alkalinity / W-F / W-TSS / TURBIDITY                                        |                                   |                                             |                     |                 |                       | Ice                    |                   |                          |                 |   |   |
| Macroinvertebrates (PJ-2L)         |                   | MI-FW-QLDC                                                                  | Formalin Lot #                    |                                             |                     |                 | Formalin              |                        |                   |                          |                 |   |   |
| Periphyton (PT-50ML)               |                   | ALGAE-ID                                                                    |                                   |                                             |                     |                 |                       | Ice                    |                   |                          |                 |   |   |
| Microbiology (Contract Lab Bottle) | X                 | E Coli                                                                      |                                   | F 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<br>Exp.           | MCAA<br>Lot#      |                          |                 |   |   |
|                                    |                   | W-PCL-TQ-R                                                                  |                                   | W-CARB-AA (5 ml of<br>MCAA Buffer Solution) |                     | W-CT-CL-R       |                       |                        |                   |                          |                 |   |   |
|                                    |                   | W-TR-SQ-R                                                                   |                                   | W-PCB-TQ-R                                  |                     |                 |                       |                        |                   |                          |                 |   |   |
| Phytoplankton                      |                   | DTY-QN-C                                                                    |                                   | PKD-QN-BV                                   |                     |                 |                       | Ice                    |                   |                          |                 |   |   |
| DOC                                |                   | W-DOC                                                                       |                                   | Field Filtered 0.45 µm Filter               |                     |                 | Ice                   |                        | H2SO<br>4*        |                          | <2              |   |   |
|                                    |                   |                                                                             | Acid Preservative Expiration Date |                                             |                     |                 |                       |                        |                   |                          |                 |   |   |
|                                    |                   |                                                                             | Acid Preservative Lot Number      |                                             |                     |                 |                       |                        |                   |                          |                 |   |   |

**SAMPLE TRANSMITTAL FORM**  
Document Reference # 05.1.0

Project: FDEP

Laboratory: UWF Wetlands Research Laboratory

**Sampler's initials :**

**Method of transport:** on ice by hand

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|                       |    |      |
|-----------------------|----|------|
| Samples delivered by: | of | FDEP |
| Sample received by:   | of | WRL  |

Date/Time: 6/20/23 11:30

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

[illegible]

Comments: Sample Container lot# L21347#...350  
PO # C01214  
Surface water, no chlorine expected

**RQ -2023-06-19-26**

Contact organization FDEP

**Contact name** **Stopher Slade**

Phone: 850-595-8300

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

**Sampler's name:** Frank Butera, Nathan Mulkey

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: 18-MAY-2023  
 Created By: SLADE\_C On: 18-MAY-2023  
 Modified By: JASROTIA\_P On: 01-JUN-2023  
 Customer: NW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northwest District NWROC  
 Event Description: Rest Area 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: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 01-JUN-2023  
 Biology Request Reviewed By: JASROTIA\_P On: 01-JUN-2023  
 Sampling Kit Required: YES Ship on: 09-JUN-2023  
 Sampling Kit Shipped: YES On: 09-JUN-2023  
 Sampling Kit Packed By: LEBRUN\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 19-JUN-2023  
 Logged In By:

**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 542) Nutrients, Metals, Contract Lab Bacteria

Group B: (WBID 542) Nutrients, Contract Lab Bacteria

Packing Notes: FedEx labels

**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-SO <sub>4</sub> -IC    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                        |
| W-TDS                    | Template: DEFAULT    | (SM 2540 C-2015) Total Dissolved Solids in aqueous matrices                                             |
| W-TSS                    | Template: DEFAULT    | (SM 2540 D-2015) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample         |
| Bottle Type: BP-1L       | Number of Bottles: 2 | Preserved With: ICE                                                                                     |
| CHLSUITE-W               | Template: DEFAULT    | (SM 10150 B) 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 Collert-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                 |                      |                                                                                                         |

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

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | Preserved With: HNO3                                                                                                                           |
| 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               |                      |                                                                                                                                                |
| Calcium              |                      |                                                                                                                                                |
| Iron                 |                      |                                                                                                                                                |
| Magnesium            |                      |                                                                                                                                                |
| Manganese            |                      |                                                                                                                                                |
| 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: BP-1L       | Number of Bottles: 1 | Preserved With: ICE                                                                                     |
| CHLSUITE-W               | Template: DEFAULT    | (SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry   |
| Bottle Type: 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                                      |

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

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                       |
| 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    |