

# Log-in Checklist

RQ- 2019-11-11-23

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 11/ 15 /19 @ 10:00

| Cooler Temperature* | Samples Frozen | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Tracking #<br>Damaged waybills only |
|---------------------|----------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|-------------------------------------|
|                     |                |                                        |          |                                       | Present?      |    | *Intact? |    |                                     |
|                     | YES            | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                                     |
| 0.9                 |                |                                        |          | 12                                    |               | ✓  |          |    | 1190 3162 1612                      |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |
|                     |                |                                        |          |                                       |               |    |          |    |                                     |

\* HNO3 and Formalin persevered samples do **NOT** have a temperature requirement. For all others, if the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX and microbiology), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form. **DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C) without login confirmation from customer for samples requiring ice preservation. An NCR still is required.**

\*\*Chain of Custody/ Field Sheet(s) Included? Yes ☒ No ☐

Micro-Biology Overflow Chain of Custody/ FieldSheet(s) Included? Yes ☒ No ☐

**\*\*Note:** If "No" is checked below, fill out the back of this form (Field ID, Test IDs, etc.) and generate an NCR.

## CONTAINER CHECK

\*\*Evidence Tape on Bottles? Yes ☐ No ☒ If yes, is it intact? Yes ☐ No ☐

\*\*Caps on tight? Yes ☒ No ☐ \*\*Containers intact? Yes ☒ No ☐

\*\*Sufficient Sample Volume: Yes ☒ No ☐

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes ☐ No ☒ Init: KK

Chlorine detected? (One container checked per Field ID)

Yes ☐ No ☐ Init:           

If "YES", list affected Field IDs and Test IDs below.

| Field ID | List TestID(s) where Chlorine was Detected, an NCR is required. |
|----------|-----------------------------------------------------------------|
|          |                                                                 |
|          |                                                                 |
|          |                                                                 |
|          |                                                                 |

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

\*\*Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: KK

\*\*W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes ☐ No ☒ NA ☐ Init: KK

Coolers Unpacked/Checked by: KK Date: 11/ 15 /19

NCRs (Y/N)? N

Event ID: Crestview/ Laurel Hill  
NW-DIST-2019-11-15-02 (SMP)  
 Date Received: 15-NOV-2019 10:00

NCR #

## Log-in Checklist

### Samples with Incorrect pH Preservation

| Field ID | Bottle Test ID(s) | pH | Action Taken |
|----------|-------------------|----|--------------|
|          |                   |    |              |
|          |                   |    |              |
|          |                   |    |              |

### Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

| Cooler ID | Field ID | Bottle Test ID(s) |
|-----------|----------|-------------------|
|           |          |                   |
|           |          |                   |
|           |          |                   |

### Bottles Not Intact

| Field ID | Bottle Test ID(s) | Loose Cap | Damaged Cap |    | Damaged Container |    | Evidence Tape Not Intact |
|----------|-------------------|-----------|-------------|----|-------------------|----|--------------------------|
|          |                   |           | CK          | BR | CK                | BR |                          |
|          |                   |           |             |    |                   |    |                          |
|          |                   |           |             |    |                   |    |                          |
|          |                   |           |             |    |                   |    |                          |

### Samples with Insufficient Volume for Analyses

| Field ID | Bottle Test ID(s) | Action Taken |
|----------|-------------------|--------------|
|          |                   |              |
|          |                   |              |
|          |                   |              |

### Additional Comments:

|                                   |                          |
|-----------------------------------|--------------------------|
| <b>Infrared Thermometer ID:</b>   | REC_07_2018 EXP:12/28/19 |
| <b>pH Test Strips 0 – 6 Lot #</b> |                          |
| <b>pH Paper 0 – 3 Lot #</b>       | 220416A EXP:7/30/20      |
| <b>pH Paper 0 – 13 Lot #</b>      | 215517 EXP:6/1/20        |
| <b>Chlorine Test Strips Lot #</b> | 091417V EXP:9/2021       |

### ENCORE SAMPLES

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

Were Encore samples received? Yes \_\_\_\_\_ No X

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

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

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

#### 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**  
**Central Laboratory Submittal Form**

Crestview/ Laurel Hill

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By:

*F. Butler*

Project ID: SMP

Collected By:

*Frank Butler, H. Schmutz*

Sampling Agency:

*FL DEP - NW RDC*

|           |  |                                          |                                 |              |              |                                          |                            |                               |
|-----------|--|------------------------------------------|---------------------------------|--------------|--------------|------------------------------------------|----------------------------|-------------------------------|
| Location  |  | <input type="checkbox"/> Comp            | Collection (comp begin or grab) |              | Eastern      | Composite end                            |                            | Bottle Group(s)<br>(See pg 2) |
| Field ID  |  | <input checked="" type="checkbox"/> Grab | Date                            | Time         | Central      | Date                                     | Time                       |                               |
| WIN/STOI  |  | Matrix (type, e.g., Salt, Fresh, etc)    |                                 | Diss. Oxygen |              | <input checked="" type="checkbox"/> mg/L | Total Res. Chlorine (mg/L) | B                             |
| Location: |  | Temp (C)                                 |                                 | pH           | Sample Depth | <input type="checkbox"/> ft              | Sp. Conductance (umho/cm)  |                               |
| Latitude  |  | Salinity (ppt)                           |                                 | Comments     |              |                                          |                            |                               |
| Location  |  | <input type="checkbox"/> Comp            | Collection (comp begin or grab) |              | Eastern      | Composite end                            |                            | Bottle Group(s)               |
| Field ID  |  | <input checked="" type="checkbox"/> Grab | Date                            | Time         | Central      | Date                                     | Time                       |                               |
| WIN/STOI  |  | Matrix (type, e.g., Salt, Fresh, etc)    |                                 | Diss. Oxygen |              | <input checked="" type="checkbox"/> mg/L | Total Res. Chlorine (mg/L) | B                             |
| Location: |  | Temp (C)                                 |                                 | pH           | Sample Depth | <input type="checkbox"/> ft              | Sp. Conductance (umho/cm)  |                               |
| Latitude  |  | Salinity (ppt)                           |                                 | Comments     |              |                                          |                            |                               |
| Location  |  | <input type="checkbox"/> Comp            | Collection (comp begin or grab) |              | Eastern      | Composite end                            |                            | Bottle Group(s)               |
| Field ID  |  | <input checked="" type="checkbox"/> Grab | Date                            | Time         | Central      | Date                                     | Time                       |                               |
| WIN/STOI  |  | Matrix (type, e.g., Salt, Fresh, etc)    |                                 | Diss. Oxygen |              | <input checked="" type="checkbox"/> mg/L | Total Res. Chlorine (mg/L) |                               |
| Location: |  | Temp (C)                                 |                                 | pH           | Sample Depth | <input type="checkbox"/> ft              | Sp. Conductance (umho/cm)  |                               |
| Latitude  |  | Salinity (ppt)                           |                                 | Comments     |              |                                          |                            |                               |
| Location  |  | <input type="checkbox"/> Comp            | Collection (comp begin or grab) |              | Eastern      | Composite end                            |                            | Bottle Group(s)               |
| Field ID  |  | <input checked="" type="checkbox"/> Grab | Date                            | Time         | Central      | Date                                     | Time                       |                               |
| WIN/STOI  |  | Matrix (type, e.g., Salt, Fresh, etc)    |                                 | Diss. Oxygen |              | <input checked="" type="checkbox"/> mg/L | Total Res. Chlorine (mg/L) |                               |
| Location: |  | Temp (C)                                 |                                 | pH           | Sample Depth | <input type="checkbox"/> ft              | Sp. Conductance (umho/cm)  |                               |
| Latitude  |  | Salinity (ppt)                           |                                 | Comments     |              |                                          |                            |                               |
| Location  |  | <input type="checkbox"/> Comp            | Collection (comp begin or grab) |              | Eastern      | Composite end                            |                            | Bottle Group(s)               |
| Field ID  |  | <input type="checkbox"/> Grab            | Date                            | Time         | Central      | Date                                     | Time                       |                               |
| WIN/STOI  |  | Matrix (type, e.g., Salt, Fresh, etc)    |                                 | Diss. Oxygen |              | <input type="checkbox"/> mg/L            | Total Res. Chlorine (mg/L) |                               |
| Location: |  | Temp (C)                                 |                                 | pH           | Sample Depth | <input type="checkbox"/> ft              | Sp. Conductance (umho/cm)  |                               |
| Latitude  |  | Salinity (ppt)                           |                                 | Comments     |              |                                          |                            |                               |
| Location  |  | <input type="checkbox"/> Comp            | Collection (comp begin or grab) |              | Eastern      | Composite end                            |                            | Bottle Group(s)               |
| Field ID  |  | <input type="checkbox"/> Grab            | Date                            | Time         | Central      | Date                                     | Time                       |                               |
| WIN/STOI  |  | Matrix (type, e.g., Salt, Fresh, etc)    |                                 | Diss. Oxygen |              | <input type="checkbox"/> mg/L            | Total Res. Chlorine (mg/L) |                               |
| Location: |  | Temp (C)                                 |                                 | pH           | Sample Depth | <input type="checkbox"/> ft              | Sp. Conductance (umho/cm)  |                               |
| Latitude  |  | Salinity (ppt)                           |                                 | Comments     |              |                                          |                            |                               |

|                   |                         |                 |                            |              |                        |
|-------------------|-------------------------|-----------------|----------------------------|--------------|------------------------|
| Relinquished By:  | Date/Time               | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time              |
| <i>H. Schmutz</i> | <i>11/14/2019; 1600</i> | <i>Felex</i>    |                            | <i>KK</i>    | <i>11-15-19 / 1000</i> |

|          |              |                    |                 |               |               |                                       |
|----------|--------------|--------------------|-----------------|---------------|---------------|---------------------------------------|
| Group: A | Bottle Type: | P-1L               | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab   |
|          | ALKALINITY   |                    |                 |               |               |                                       |
|          | TURBIDITY    |                    |                 |               |               |                                       |
|          | W-CL-IC      |                    |                 |               |               |                                       |
|          | W-COLOR      |                    |                 |               |               |                                       |
|          | W-F          |                    |                 |               |               |                                       |
|          | W-SO4-IC     |                    |                 |               |               |                                       |
|          | W-TDS        |                    |                 |               |               |                                       |
|          | W-TSS        |                    |                 |               |               |                                       |
| Group: A | Bottle Type: | BP-1L              | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab   |
|          | CHLSUITE-W   |                    |                 |               |               |                                       |
| Group: A | Bottle Type: | TEST HAS NO BOTTLE | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab   |
|          | NW-UWF-ECQ   |                    |                 |               |               |                                       |
| Group: A | Bottle Type: | P-500ML            | # of Bottles: 2 | Preservative: | HNO3          | Enter Number of Bottles Sent to Lab   |
|          | W-ICP        |                    |                 |               |               |                                       |
|          | W-ICPMS      |                    |                 |               |               |                                       |
| Group: A | Bottle Type: | P-500ML            | # of Bottles: 2 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab   |
|          | W-NH3        |                    |                 |               |               |                                       |
|          | W-NO2NO3     |                    |                 |               |               |                                       |
|          | W-S-A-TP     |                    |                 |               |               |                                       |
|          | W-TKN        |                    |                 |               |               |                                       |
|          | W-TOC        |                    |                 |               |               |                                       |
| Group: A | Bottle Type: | P-125ML            | # of Bottles: 2 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab   |
|          | W-PO4-F      |                    |                 |               |               |                                       |
| Group: B | Bottle Type: | P-1L               | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab 2 |
|          | ALKALINITY   |                    |                 |               |               |                                       |
|          | TURBIDITY    |                    |                 |               |               |                                       |
|          | W-CL-IC      |                    |                 |               |               |                                       |
|          | W-COLOR      |                    |                 |               |               |                                       |
|          | W-F          |                    |                 |               |               |                                       |
|          | W-SO4-IC     |                    |                 |               |               |                                       |
|          | W-TDS        |                    |                 |               |               |                                       |
|          | W-TSS        |                    |                 |               |               |                                       |

|          |                                                                                                    |                    |                 |                             |                                                                                   |
|----------|----------------------------------------------------------------------------------------------------|--------------------|-----------------|-----------------------------|-----------------------------------------------------------------------------------|
| Group: B | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L              | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>2</u>                                      |
| Group: B | Bottle Type:<br>NW-UWF-ECQ                                                                         | TEST HAS NO BOTTLE | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>0</u><br><i>* Sent to uwf contract 196</i> |
| Group: B | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    | P-500ML            | # of Bottles: 2 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab <u>2</u><br><br>SA 9/29/00<br>05/2020         |
| Group: B | Bottle Type:<br>W-PO4-F                                                                            | P-125ML            | # of Bottles: 2 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab <u>2</u>                                      |
| Group: C | Bottle Type:<br>ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | P-1L               | # of Bottles: 3 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>1</u>                                      |
| Group: C | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L              | # of Bottles: 3 | Preservative: ICE           | Enter Number of Bottles Sent to Lab <u>1</u>                                      |
| Group: C | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    | P-500ML            | # of Bottles: 3 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab <u>1</u><br><br>SA 9/29/00<br>05/2020         |
| Group: C | Bottle Type:<br>W-PO4-F                                                                            | P-125ML            | # of Bottles: 3 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab <u>1</u>                                      |

FD-11/14/15

Sampler's initials :

H.S. - FB

Page 1 of 1

Date/Time: 11/14/2019 1:15:15

Date/Time: 11/14/2019 1515

[illegible]

RQ-2019-11-11-43

Contact name \_\_\_\_\_

Phone: (850) 595-8300

Sampler's name: F. Buter

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

<sup>2</sup>Type codes: G = grab, C = composite, X = 6

Date of Request: 16-OCT-2019  
 Created By: KING\_M On: 16-OCT-2019  
 Modified By: JASROTIA\_P On: 22-OCT-2019  
 Customer: NW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northwest District  
 Sampling Event: Crestview/ Laurel Hill

**Send Coolers To:**

Phone: 850-595-0605  
 160 Government Center  
 Suite 208  
 Pensacola, FL 32502-5794  
 Attn: Michael King

Program Module Number:  
 Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 21-OCT-2019  
 Biology Request Reviewed By: JASROTIA\_P On: 22-OCT-2019  
 Sampling Kit Required: YES Ship on: 01-NOV-2019  
 Sampling Kit Shipped: YES On: 28-OCT-2019  
 Sampling Kit Packed By: MCCOY\_I  
 Preservatives Needed: NO  
 Date to Receive Samples: 11-NOV-2019  
 Received By:

**Send Final Report To:**

160 Government Center  
 Suite 208  
 Pensacola, FL 32502-5794  
 Attn: Cheryl Bunch

Report Type: Final Only  
 FTP Data: NO  
 QC Report: YES  
 Date Log: NO  
 Authorization Log: NO

Comments: Group A: (WBID 246, 142) Nutrients, Metals, Contract Lab Bacteria

Group B: (WBID 83, 91) Nutrients, Contract Lab Bacteria

Group C: (WBID 50, 117, 371) Nutrients

Packing Notes:

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

|                          |                      |                                                                                                                                                |
|--------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L        | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| ALKALINITY               | Template: DEFAULT    | (SM 2320 B-97) 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) True Color measured at 450 nm                                                                                                      |
| Color (true)             |                      |                                                                                                                                                |
| W-F                      | Template: DEFAULT    | (SM 4500 F-C-97) 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-97) Total Dissolved Solids in aqueous matrices                                                                                      |
| W-TSS                    | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                  |
| Bottle Type: BP-1L       | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| CHLSUITE-W               | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                   |
| Bottle Type: TEST HAS NO | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| NW-UWF-ECQ               | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola                                                                          |
| Bottle Type: P-500ML     | Number of Bottles: 2 | Preserved With: HNO <sub>3</sub>                                                                                                               |
| W-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                |                      |                                                                                                                                                |
| Potassium                |                      |                                                                                                                                                |

**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 |

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  
Cadmium  
Chromium  
Copper  
Lead  
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-00) Nonpurgeable Organic Carbon in aqueous matrices      |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-125ML | Number of Bottles: 2 | 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 2 Samples:**

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| 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-00) Nonpurgeable Organic Carbon in aqueous matrices      |

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-125ML | Number of Bottles: 2 | 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: 2 | Preserved With: ICE                                                                                  |
| ALKALINITY        | Template: DEFAULT    | (SM 2320 B-97) 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) True Color measured at 450 nm                                                            |
| Color (true)      |                      |                                                                                                      |
| W-F               | Template: DEFAULT    | (SM 4500 F-C-97) 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-97) Total Dissolved Solids in aqueous matrices                                            |
| W-TSS             | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample        |

|                    |                      |                                                                                                              |
|--------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| CHLSUITE-W         | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |

|                          |                      |                                                                       |
|--------------------------|----------------------|-----------------------------------------------------------------------|
| Bottle Type: TEST HAS NO | Number of Bottles: 2 | Preserved With: ICE                                                   |
| NW-UWF-ECQ               | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by UWF in Pensacola |

**Bottle Group C (Water) With 3 Samples:**

|                   |                      |                                                             |
|-------------------|----------------------|-------------------------------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 3 | Preserved With: ICE                                         |
| ALKALINITY        | Template: DEFAULT    | (SM 2320 B-97) 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) True Color measured at 450 nm                   |
| Color (true)      |                      |                                                             |

**Bottle Group C (Water) With 3 Samples:**

|                      |                   |                                                                                                              |                               |
|----------------------|-------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------|
| Bottle Type: P-1L    |                   | Number of Bottles: 3                                                                                         | Preserved With: ICE           |
| W-F                  | Template: DEFAULT | (SM 4500 F-C-97) 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-97) Total Dissolved Solids in aqueous matrices                                                    |                               |
| W-TSS                | Template: DEFAULT | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                |                               |
| Bottle Type: BP-1L   |                   | Number of Bottles: 3                                                                                         | Preserved With: ICE           |
| CHLSUITE-W           | Template: DEFAULT | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |                               |
| Bottle Type: P-500ML |                   | Number of Bottles: 3                                                                                         | 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-00) Nonpurgeable Organic Carbon in aqueous matrices                                               |                               |
| Bottle Type: P-125ML |                   | Number of Bottles: 3                                                                                         | 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                     |                               |

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