

# Log-in Checklist

RQ- 2018-09-24-12

Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 10/04/2018 / 09:40

| Cooler Temperature* | * All Samples in Cooler Preserved with |          | Number of Sample Containers in Cooler | Evidence Tape |    |          |    | Tracking # (fill out only if waybill copy is damaged) |
|---------------------|----------------------------------------|----------|---------------------------------------|---------------|----|----------|----|-------------------------------------------------------|
|                     |                                        |          |                                       | Present?      |    | *Intact? |    |                                                       |
|                     | HNO <sub>3</sub>                       | Formalin |                                       | Yes           | No | Yes      | No |                                                       |
| 3.2C                |                                        |          | 12                                    |               | X  |          |    |                                                       |
| 2-6C                |                                        |          | 12                                    |               | X  |          |    |                                                       |
|                     |                                        |          |                                       |               |    |          |    |                                                       |
|                     |                                        |          |                                       |               |    |          |    |                                                       |
|                     |                                        |          |                                       |               |    |          |    |                                                       |
|                     |                                        |          |                                       |               |    |          |    |                                                       |

\* HNO<sub>3</sub> 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), or if Evidence Seal is damaged. Identify the containers in the affected cooler(s) on back of this form.

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

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

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No        Date 10-4-18

## CONTAINER CHECK

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

**\*\*Caps on tight?** Yes X No        **\*\*Containers intact?** Yes        No       

**\*\*Sufficient Sample Volume:** Yes X No       

**CHLORINE CHECK REQUIRED? (Blue dot on container)** Yes        No ✓ Init: **ABS**

| Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required. |     |    |            |     |    |
|------------------------------------------------------------------------------------------------------|-----|----|------------|-----|----|
| Analysis                                                                                             | Yes | No | Analysis   | Yes | No |
| W-1,4 DIOX                                                                                           |     |    | W-PC-AA-SF |     |    |
| W-E8321-DI, -MS, -21                                                                                 |     |    | W-NP-AA-SF |     |    |
| W-BNA (-625, -R)                                                                                     |     |    | W-PDQUAT   |     |    |
| W-CARB-AA (-CAB-AA-R)                                                                                |     |    | W-PCL-SQ-R |     |    |
| W-U2060-MS                                                                                           |     |    | W-TR-TQ    |     |    |
| W-PCB-R                                                                                              |     |    | W-CT-CI-R  |     |    |
| W-PAH (-R)                                                                                           |     |    | W-PSNP-TQ  |     |    |

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

**\*\*Acid Preserved Samples:** pH ≤ 2.0? Yes ✓ No        NA        Init: **ABS**

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

Coolers Unpacked/Checked by: **ABS** Date: 10/04/2018 NCRs (Y/N)?       

Event ID: Laurel Hill West  
NW-DIST-2018-10-04-02 (SMP) NCR #

## Log-in Checklist

### Samples with Incorrect pH Preservation or presence of Chlorine

| Field ID | Bottle Test ID(s) | pH / Cl | 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:

|                            |                        |
|----------------------------|------------------------|
| Infrared Thermometer ID:   | REC_03_2018            |
| pH Paper 0.0 – 3.0 Lot #   | 2305 15 EXP:10/30/2018 |
| pH Paper 0 – 13 Lot #      | 222516 EXP:09/15/2019  |
| Chlorine Test Strips Lot # | 7226 EXP:20/20/07      |

### 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: \_\_\_\_\_

Laurel Hill West

## Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: Whitney Bretana

Project ID: SMP

Collected By: Whitney Bretana

Sampling Agency: DFLPNS

|              |                                                                                                 |                                                                           |                                                                              |                                                                                                 |                                   |
|--------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------|
| Location     |                                                                                                 | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 10/3/18 Time 935 Eastern<br>Central  | Composite end<br>Date Time                                                                      | Bottle<br>Group(s)<br>(See pg 2)  |
| Field/WIN ID | <br>G4NW0409   | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                                              | Diss. Oxygen<br>8.01 <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)     |
| WI           | Location:<br>Turkey Creek above Williams Rd                                                     | Temp<br>(C) 22.8                                                          | pH<br>6.05                                                                   | Sample<br>Depth 0.2 <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m        | Sp. Conductance<br>(umho/cm) 33.2 |
| Lat          | <input type="checkbox"/> dms                                                                    | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt) 0.01                                                       | Comments                                                                                        |                                   |
| Location     |                                                                                                 | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 10/3/18 Time 1015 Eastern<br>Central | Composite end<br>Date Time                                                                      | Bottle<br>Group(s)                |
| Field/WIN ID | <br>G4NW0208   | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                                              | Diss. Oxygen<br>4.89 <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)     |
| WI           | Location:<br>East Branch Pine Log Creek above Bear Bay Flats Road                               | Temp<br>(C) 24.1                                                          | pH<br>6.22                                                                   | Sample<br>Depth 0.1 <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m        | Sp. Conductance<br>(umho/cm) 47.1 |
| Lat          | <input type="checkbox"/> dms                                                                    | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt) 0.08                                                       | Comments                                                                                        |                                   |
| Location     |                                                                                                 | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 10/3/18 Time 1045 Eastern<br>Central | Composite end<br>Date Time                                                                      | Bottle<br>Group(s)                |
| Field/WIN ID | <br>G4NW0315   | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                                              | Diss. Oxygen<br>8.20 <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)     |
| WI           | Location:<br>Pine Log Creek upstream of Long Road                                               | Temp<br>(C) 22.3                                                          | pH<br>6.44                                                                   | Sample<br>Depth 0.1 <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m        | Sp. Conductance<br>(umho/cm) 31.1 |
| Lat          | <input type="checkbox"/> dms                                                                    | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt) 0.01                                                       | Comments                                                                                        |                                   |
| Location     |                                                                                                 | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 10/3/18 Time 1110 Eastern<br>Central | Composite end<br>Date Time                                                                      | Bottle<br>Group(s)                |
| Field/WIN ID | <br>G4NW0330 | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                                              | Diss. Oxygen<br>8.31 <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)     |
| WI           | Location:<br>Beech Tree Creek above un-named road                                               | Temp<br>(C) 23.1                                                          | pH<br>5.18                                                                   | Sample<br>Depth 0.1 <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m        | Sp. Conductance<br>(umho/cm) 14.5 |
| Lat          | <input type="checkbox"/> dms                                                                    | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity<br>(ppt) 0.01                                                       | Comments                                                                                        |                                   |

|                                                                                                        |                           |                          |                                 |                                                                                                       |                            |
|--------------------------------------------------------------------------------------------------------|---------------------------|--------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------|
| Relinquished By:<br> | Date/Time<br>10/3/18 1600 | Shipping Method<br>FEDEX | Number of Coolers Shipped:<br>2 | Received By:<br> | Date/Time<br>10-4-18 19:40 |
|--------------------------------------------------------------------------------------------------------|---------------------------|--------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------|

|          |              |                    |                 |               |               |                                     |                          |
|----------|--------------|--------------------|-----------------|---------------|---------------|-------------------------------------|--------------------------|
| Group: A | Bottle Type: | P-1L               | # of Bottles: 6 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | <u>0</u>                 |
|          | ALKALINITY   |                    |                 |               |               |                                     |                          |
|          | TURBIDITY    |                    |                 |               |               |                                     |                          |
|          | W-CL-IC      |                    |                 |               |               |                                     |                          |
|          | W-COLOR      |                    |                 |               |               |                                     |                          |
|          | W-F          |                    |                 |               |               |                                     |                          |
|          | W-SO4-IC     |                    |                 |               |               |                                     |                          |
|          | W-TDS        |                    |                 |               |               |                                     |                          |
|          | W-TSS        |                    |                 |               |               |                                     |                          |
| Group: A | Bottle Type: | BP-1L              | # of Bottles: 6 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | <u>0</u>                 |
|          | CHLSUITE-W   |                    |                 |               |               |                                     |                          |
| Group: A | Bottle Type: | TEST HAS NO BOTTLE | # of Bottles: 6 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | <u>0 to contract lab</u> |
|          | NW-UWF-ECQ   |                    |                 |               |               |                                     |                          |
| Group: A | Bottle Type: | P-500ML            | # of Bottles: 6 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | <u>0</u>                 |
|          | W-NH3        |                    |                 |               |               |                                     |                          |
|          | W-NO2NO3     |                    |                 |               |               |                                     |                          |
|          | W-S-A-TP     |                    |                 |               |               |                                     |                          |
|          | W-TKN        |                    |                 |               |               |                                     |                          |
|          | W-TOC        |                    |                 |               |               |                                     |                          |
| Group: A | Bottle Type: | P-125ML            | # of Bottles: 6 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | <u>0</u>                 |
|          | W-PO4-F      |                    |                 |               |               |                                     |                          |

Lot # S98005170  
EXP 3/26/19

Laurel Hill West

## Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: Whitney Bretana

Project ID: SMP

Collected By: Whitney Bretana

Sampling Agency: 21 FLANS

|                                                                         |                                                            |                                                                           |  |                                                            |  |                                                                            |  |                                   |  |                                  |  |
|-------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------|--|------------------------------------------------------------|--|----------------------------------------------------------------------------|--|-----------------------------------|--|----------------------------------|--|
| Location                                                                |                                                            | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or grab)<br>Date 10/31/18 Time 1125 |  | Eastern<br>Central                                                         |  | Composite end<br>Date Time        |  | Bottle<br>Group(s)<br>(See pg 2) |  |
| Field                                                                   | Field/WIN ID<br>G4NW0308                                   | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen<br>8.00                                       |  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |  | Total Res. Chlorine<br>(mg/L)     |  | A                                |  |
| Win                                                                     | Location:<br>Long Creek upstream of Long Road              | Temp<br>(C) 23.1                                                          |  | pH<br>6.39                                                 |  | Sample<br>Depth 0.1                                                        |  | Sp. Conductance<br>(umho/cm) 23.6 |  |                                  |  |
| Lati                                                                    | <input type="checkbox"/> dms                               | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               |  | Salinity<br>(ppt) 0.01                                     |  | Comments                                                                   |  |                                   |  |                                  |  |
| Location                                                                |                                                            | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or grab)<br>Date 10/31/18 Time 1210 |  | Eastern<br>Central                                                         |  | Composite end<br>Date Time        |  | Bottle<br>Group(s)               |  |
| Field                                                                   | Field/WIN ID<br>G4NW0349                                   | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen<br>8.00                                       |  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat |  | Total Res. Chlorine<br>(mg/L)     |  | A                                |  |
| Win                                                                     | Location:<br>Pond Creek in McCloud Bay upstream of Hwy 393 | Temp<br>(C) 23.6                                                          |  | pH<br>6.22                                                 |  | Sample<br>Depth 0.1                                                        |  | Sp. Conductance<br>(umho/cm) 30.9 |  |                                  |  |
| Lati                                                                    | <input type="checkbox"/> dms                               | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               |  | Salinity<br>(ppt) 0.01                                     |  | Comments                                                                   |  |                                   |  |                                  |  |
| Location                                                                |                                                            | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            |  | Collection (comp begin or grab)<br>Date Time               |  | Eastern<br>Central                                                         |  | Composite end<br>Date Time        |  | Bottle<br>Group(s)               |  |
| Field ID                                                                |                                                            | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen                                               |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            |  | Total Res. Chlorine<br>(mg/L)     |  |                                  |  |
| WIN/STORET #                                                            |                                                            | Temp<br>(C)                                                               |  | pH                                                         |  | Sample<br>Depth                                                            |  | Sp. Conductance<br>(umho/cm)      |  |                                  |  |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms |                                                            | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms  |  | Salinity<br>(ppt)                                          |  | Comments                                                                   |  |                                   |  |                                  |  |
| Location                                                                |                                                            | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            |  | Collection (comp begin or grab)<br>Date Time               |  | Eastern<br>Central                                                         |  | Composite end<br>Date Time        |  | Bottle<br>Group(s)               |  |
| Field ID                                                                |                                                            | Matrix (type, e.g., Salt, Fresh, etc)                                     |  | Diss. Oxygen                                               |  | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            |  | Total Res. Chlorine<br>(mg/L)     |  |                                  |  |
| WIN/STORET #                                                            |                                                            | Temp<br>(C)                                                               |  | pH                                                         |  | Sample<br>Depth                                                            |  | Sp. Conductance<br>(umho/cm)      |  |                                  |  |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms |                                                            | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms  |  | Salinity<br>(ppt)                                          |  | Comments                                                                   |  |                                   |  |                                  |  |

|                  |               |                 |                            |              |              |
|------------------|---------------|-----------------|----------------------------|--------------|--------------|
| Relinquished By: | Date/Time     | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time    |
| W                | 10/31/18 1600 | FEDEX           | 2                          | ABF          | 10/4/18 1940 |

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|          |              |      |                 |               |     |                                           |
|----------|--------------|------|-----------------|---------------|-----|-------------------------------------------|
| Group: A | Bottle Type: | P-1L | # of Bottles: 6 | 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        |      |                 |               |     |                                           |

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|          |              |       |                 |               |     |                                           |
|----------|--------------|-------|-----------------|---------------|-----|-------------------------------------------|
| Group: A | Bottle Type: | BP-1L | # of Bottles: 6 | Preservative: | ICE | Enter Number of Bottles Sent to Lab _____ |
|          | CHLSUITE-W   |       |                 |               |     |                                           |

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|          |              |                    |                 |               |     |                                           |
|----------|--------------|--------------------|-----------------|---------------|-----|-------------------------------------------|
| Group: A | Bottle Type: | TEST HAS NO BOTTLE | # of Bottles: 6 | Preservative: | ICE | Enter Number of Bottles Sent to Lab _____ |
|          | NW-UWF-ECQ   |                    |                 |               |     |                                           |

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|          |              |         |                 |               |               |                                           |
|----------|--------------|---------|-----------------|---------------|---------------|-------------------------------------------|
| Group: A | Bottle Type: | P-500ML | # of Bottles: 6 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab _____ |
|          | W-NH3        |         |                 |               |               |                                           |
|          | W-NO2NO3     |         |                 |               |               |                                           |
|          | W-S-A-TP     |         |                 |               |               |                                           |
|          | W-TKN        |         |                 |               |               |                                           |
|          | W-TOC        |         |                 |               |               |                                           |

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|          |              |         |                 |               |            |                                           |
|----------|--------------|---------|-----------------|---------------|------------|-------------------------------------------|
| Group: A | Bottle Type: | P-125ML | # of Bottles: 6 | Preservative: | FILTER-ICE | Enter Number of Bottles Sent to Lab _____ |
|          | W-PO4-F      |         |                 |               |            |                                           |

Date of Request: 16-AUG-2018  
 Created By: KING\_M On: 16-AUG-2018  
 Modified By: SWANSON\_C On: 07-SEP-2018  
 Customer: NW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northwest District  
 Sampling Event: Laurel Hill West

**Send Coolers To:**

Phone: SC-695-0605  
 160 W Government St  
 Suite 208A  
 Pensacola, FL 32502-5794  
 Attn: Michael King

Program Module Number: 1306  
 Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: AYRES\_J On: 06-SEP-2018  
 Biology Request Reviewed By: SWANSON\_C On: 07-SEP-2018  
 Sampling Kit Required: YES Ship on: 14-SEP-2018  
 Sampling Kit Shipped: YES On: 10-SEP-2018  
 Sampling Kit Packed By: REAVES\_S  
 Preservatives Needed: NO  
 Date to Receive Samples: 24-SEP-2018  
 Received By: SHAIK\_A On: 04-OCT-2018

**Send Final Report To:**

160 W Government St  
 Suite 208A  
 Pensacola, FL 32502-5794  
 Attn: Michael King

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

Comments: Group A: (WBID 101, 196, 35A, 76, 92, 117) Freshwater Kit, Contract Lab Bacteria

Please send FEDEX AND UPS Shipping Labels

**Bottle Group A (Water) With 6 Samples:**

|                                   |                      |                                                                                                              |
|-----------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 6 | 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: 6 | 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: 6 | Preserved With: ICE                                                                                          |
| NW-UWF-ECQ                        | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by UWF Laboratory in Pensacola    |
| Bottle Type: P-500ML              | Number of Bottles: 6 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>                                                       |
| W-NH <sub>3</sub>                 | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |
| W-NO <sub>2</sub> NO <sub>3</sub> | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                           |
| W-S-A-TP                          | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                          |
| W-TKN                             | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                             |
| W-TOC                             | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                                               |
| Bottle Type: P-125ML              | Number of Bottles: 6 | Preserved With: FILTER-ICE                                                                                   |
| W-PO <sub>4</sub> -F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |

Cooler Packing Worksheet for Request: RQ-2018-09-24-12

Laurel Hill West

Ship Cooler On: 9/14/2018

Customer/Project: NW-DIST/SMP

Assigned To: REAVES\_S

Requester: Michael King

Priority: 3

SC-695-0605  
160 W Government St  
Suite 208A  
Pensacola, FL 32502-5794  
Attn: Michael King

Comments:

No preservatives needed.

Group A: (WBID 101, 196, 35A, 76, 92, 117) Freshwater Kit, Contract Lab Bacteria

Please send FEDEX AND UPS Shipping Labels

Requested Analyses:

**Bottle Group: A**

**# of Sites: 6**

Container ID: P-1L

Qty: 6 Preservation: ICE

Lot # 00071878

Description: Plastic Bottle 1L

**Analysis**

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

**Description**

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 6 Preservation: ICE

Lot # 1232362

Description: Brown Plastic Bottle 1L

**Analysis**

CHLSUITE-W

**Description**

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: TEST HAS NO BOTTLE Qty: 6 Preservation: ICE

Lot # N/A

Description: Do not ship container for this test.

Analysis  
NW-UWF-ECQ

Description  
Escherichia coli by Colilert 18 Quanti-Tray method by UWF Laboratory in Pensacola

Container ID: P-500ML

Qty: 6 Preservation: ICE And H2SO4

Lot # 00071864

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis  
W-NH3  
W-NO2NO3  
W-S-A-TP  
W-TKN  
W-TOC

Description  
Ammonia in aqueous matrices as mg N/L  
Nitrite/Nitrate in aqueous matrices as mg N/L  
Total Phosphorus in aqueous matrices as mg P/L  
Total Kjeldahl Nitrogen in aqueous matrices  
Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 6 Preservation: FILTER-ICE

Lot # 00071266

Description: Plastic Bottle 125 mL

Analysis  
W-PO4-F

Description  
Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Cooler Packed By: SP Number of Coolers: 2 Date: 9-10-18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☐ Acid Labels (sets of 24)

If Preservation Included:

|          |           |             |
|----------|-----------|-------------|
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |
| ID _____ | Exp _____ | Lot # _____ |

**PLEASE RETURN ALL COOLERS FOR RQ-2018-09-24-12**

Project: FDEP  
Method of transport: Drop off on ice by automobile  
Samples delivered by: [Signature] of FDEP  
Sample received by: [Signature] of WRL

**Laboratory: Wetlands Research Laboratory**

Sampler's initials: WB LP

Page 1 of 1  
Date/Time: 10/3/18 / 1421  
Date/Time: 10/3/18 / 1421

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# # 18055

**RQ-2018-09-24-12**

Contact organization FDEP

**Address** 160 W Governmental Street, suite 208, Pensacola, FL 32502

<sup>1</sup>Matrix: SW = surface water, PW = pore water, GW = ground water, S = soil/sediment, X =

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

Contact name Michael King

**Phone: (850) 595-8300**

Sampler's name: Whitney Butane

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

SHIP DATE: 10SEP18  
ACTWT: 15.00 LB MAN  
CAD: 0446970/CAFE3210

ORIGIN ID: TLHA (850) 595-8300  
MIKE KING  
FL DEP NORTHWEST DISTRICT  
180 GOVERNMENT CENTER  
SUITE 208A  
PENSACOLA, FL 32502  
UNITED STATES US

SHIP DATE: 10SEP18  
ACTWT: 15.00 LB MAN  
CAD: 0446970/CAFE3210

TO JOHN WATTS  
FLORIDA DEP/CHEMISTRY SECTION  
2600 BLAIRSTONE RD  
TALLAHASSEE FL 32399  
(850) 245-8077  
REF: 0221

TO JOHN WATTS  
FLORIDA DEP/CHEMISTRY SECTION  
2600 BLAIRSTONE RD  
TALLAHASSEE FL 32399  
(850) 245-8077  
REF: 0221

SHIP DATE: 10SEP18  
ACTWT: 15.00 LB MAN  
CAD: 0446970/CAFE3210

RMA: 00000000  
REF: 0221  
FedEx Express  
E

RMA: 00000000  
REF: 0221  
FedEx Express  
E

SHIP DATE: 10SEP18  
ACTWT: 15.00 LB MAN  
CAD: 0446970/CAFE3210

RETURNS MON - FRI  
THU - 04 OCT 10:30A  
PRIORITY OVERNIGHT  
32399  
FL-US  
TLH

RETURNS MON - FRI  
THU - 04 OCT 10:30A  
PRIORITY OVERNIGHT  
32399  
FL-US  
TLH

SHIP DATE: 10SEP18  
ACTWT: 15.00 LB MAN  
CAD: 0446970/CAFE3210

TRK# 4385 5033 4867  
XH TLHA  
FedEx Express  
E

TRK# 4385 5033 4878  
XH TLHA  
FedEx Express  
E

SHIP DATE: 10SEP18  
ACTWT: 15.00 LB MAN  
CAD: 0446970/CAFE3210

FD 329138 030CT18 PHSA 553C1/88F8/8C8A

FD 329138 030CT18 PHSA 553C1/88F8/8C8A

SHIP DATE: 10SEP18  
ACTWT: 15.00 LB MAN  
CAD: 0446970/CAFE3210