

# Log-in Checklist

RQ- 2018-07-28-20

Login Station ID: #4

Shipping Method: FedEx | UPS | HD | Greyhound | \_\_\_\_\_

Date/Time of Receipt: 7/24/18 9:30

| Cooler ID   | Cooler Temperature* | No. Sample Containers in Cooler | Evidence Tape |  | *Intact?                            |    | Tracking # (fill out only if waybill copy is damaged) |
|-------------|---------------------|---------------------------------|---------------|--|-------------------------------------|----|-------------------------------------------------------|
|             |                     |                                 | Present?      |  | Yes                                 | No |                                                       |
| <u>1150</u> | <u>1.4°C</u>        | <u>11</u>                       |               |  | <input checked="" type="checkbox"/> |    |                                                       |
| <u>1200</u> | <u>6.9°C</u>        | <u>8</u>                        |               |  | <input checked="" type="checkbox"/> |    |                                                       |
|             |                     |                                 |               |  |                                     |    |                                                       |
|             |                     |                                 |               |  |                                     |    |                                                       |
|             |                     |                                 |               |  |                                     |    |                                                       |
|             |                     |                                 |               |  |                                     |    |                                                       |
|             |                     |                                 |               |  |                                     |    |                                                       |

\*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 \_\_\_\_\_

## 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: J.D.

| 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: J.D.

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

Coolers Unpacked/Checked by: J.D. Date: 7/24/18 NCRs (Y/N)? \_\_\_\_\_

Event ID: WU-DIST-2018-07-24-02 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_04_2018           |
| pH Paper 0.0 – 3.0 Lot #   | 230515 EXP:10/30/2018 |
| pH Paper 0 – 13 Lot #      | 222516 EXP:08/15/2019 |
| Chlorine Test Strips Lot # | 7226 EXP:07/2020      |

### ENCORE SAMPLES

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

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

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: \_\_\_\_\_

PACE RUN

## Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Requester: Michael King

Field Report Prepared By: Whitney Brena

Project ID: SMP

Collected By: James P. King

Sampling Agency: 21 FL PNS

|            |                                                                                                                          |                                                                                     |                                                                           |                                                           |                                                        |                                                                            |                                    |
|------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------|------------------------------------|
| Location   | Field/WIN ID                                                                                                             |    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 7/23/18 Time 1010 | Eastern<br><input checked="" type="checkbox"/> Central | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)<br>(See pg 2)      |
| Field ID   | G4NW0176                                                                                                                 |                                                                                     | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                           | Diss. Oxygen<br>7.57                                   | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)      |
| WIN/STORET | Location:<br>Direct Runoff-Graveyard Branch @ Tradewinds Dr.                                                             |                                                                                     | Temp (C)<br>25.9                                                          | pH<br>7.37                                                | Sample Depth<br>0.1                                    | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance (umho/cm)<br>119.3 |
| Latitude   | <input type="checkbox"/> dms                                                                                             |                                                                                     | Salinity (ppt)<br>0.06                                                    | Comments                                                  |                                                        |                                                                            |                                    |
| Location   | Field ID →                                                                                                               |    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 7/23/18 Time 1020 | Eastern<br><input checked="" type="checkbox"/> Central | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                    |
| Field ID   | G4NW0176_DUP                                                                                                             |                                                                                     | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                           | Diss. Oxygen                                           | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            | Total Res. Chlorine (mg/L)         |
| WIN/STORET | Location: Description here<br>WIN ID →  |                                                                                     | Temp (C)                                                                  | pH                                                        | Sample Depth<br>0.1                                    | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance (umho/cm)          |
| Latitude   | <input type="checkbox"/> dms                                                                                             |                                                                                     | Salinity (ppt)                                                            | Comments: Graveyard Branch @ Tradewinds Dr. Duplicate     |                                                        |                                                                            |                                    |
| Location   | Field ID:                                                                                                                |    | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 7/23/18 Time 1030 | Eastern<br><input checked="" type="checkbox"/> Central | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                    |
| Field ID   | BLANK_07232018                                                                                                           |                                                                                     | Matrix (type, e.g., Salt, Fresh, etc)<br>DI                               |                                                           | Diss. Oxygen                                           | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            | Total Res. Chlorine (mg/L)         |
| WIN/STC    | Location:<br>Direct Runoff-Graveyard Branch @ Tradewinds Dr.                                                             |                                                                                     | Temp (C)                                                                  | pH                                                        | Sample Depth                                           | <input type="checkbox"/> ft<br><input type="checkbox"/> m                  | Sp. Conductance (umho/cm)          |
| Latitude   | <input type="checkbox"/> dms                                                                                             |                                                                                     | Salinity (ppt)                                                            | Comments: Field Blank                                     |                                                        |                                                                            |                                    |
| Location   | Field/WIN ID                                                                                                             |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 7/23/18 Time 1055 | Eastern<br><input checked="" type="checkbox"/> Central | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                    |
| Field ID   | G4NW0345                                                                                                                 |                                                                                     | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                           | Diss. Oxygen<br>8.33                                   | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine (mg/L)         |
| WIN/STORE  | Location:<br>Sevenmile Creek upstream of Alderbrook Blvd.                                                                |                                                                                     | Temp (C)<br>21.9                                                          | pH<br>5.54                                                | Sample Depth<br>0.2                                    | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance (umho/cm)<br>55.5  |
| Latitude   | <input type="checkbox"/> dms                                                                                             |                                                                                     | Salinity (ppt)<br>0.02                                                    | Comments                                                  |                                                        |                                                                            |                                    |

|                                   |                           |                           |                                 |                       |                           |
|-----------------------------------|---------------------------|---------------------------|---------------------------------|-----------------------|---------------------------|
| Relinquished By:<br>James P. King | Date/Time<br>7/23/18 1600 | Shipping Method<br>Fed Ex | Number of Coolers Shipped:<br>2 | Received By:<br>C. D. | Date/Time<br>7/24/18 9:30 |
|-----------------------------------|---------------------------|---------------------------|---------------------------------|-----------------------|---------------------------|

|          |              |                    |                 |                                          |                                     |                    |
|----------|--------------|--------------------|-----------------|------------------------------------------|-------------------------------------|--------------------|
| Group: A | Bottle Type: | P-1L               | # of Bottles: 4 | Preservative: ICE                        | Enter Number of Bottles Sent to Lab | 4                  |
|          | ALKALINITY   |                    |                 |                                          |                                     |                    |
|          | TURBIDITY    |                    |                 |                                          |                                     |                    |
|          | W-CL-IC      |                    |                 |                                          |                                     |                    |
|          | W-COLOR      |                    |                 |                                          |                                     |                    |
|          | W-F          |                    |                 |                                          |                                     |                    |
|          | W-SO4-IC     |                    |                 |                                          |                                     |                    |
|          | W-TDS        |                    |                 |                                          |                                     |                    |
|          | W-TSS        |                    |                 |                                          |                                     |                    |
| Group: A | Bottle Type: | BP-1L              | # of Bottles: 4 | Preservative: ICE                        | Enter Number of Bottles Sent to Lab | 4                  |
|          | CHLSUITE-W   |                    |                 |                                          |                                     |                    |
| Group: A | Bottle Type: | TEST HAS NO BOTTLE | # of Bottles: 4 | Preservative: ICE                        | Enter Number of Bottles Sent to Lab | 4 sent to contract |
|          | NW-UWF-ECQ   |                    |                 |                                          |                                     |                    |
| Group: A | Bottle Type: | P-500ML            | # of Bottles: 4 | Preservative: ICE And H2SO4              | Enter Number of Bottles Sent to Lab | 4                  |
|          | W-NH3        |                    |                 |                                          |                                     |                    |
|          | W-NO2NO3     |                    |                 |                                          |                                     |                    |
|          | W-S-A-TP     |                    |                 |                                          |                                     |                    |
|          | W-TKN        |                    |                 |                                          |                                     |                    |
|          | W-TOC        |                    |                 |                                          |                                     |                    |
|          |              |                    |                 | H2SO4<br>LOT# SA8885170<br>EXP: 03/26/19 |                                     |                    |
| Group: A | Bottle Type: | P-125ML            | # of Bottles: 4 | Preservative: FILTER-ICE                 | Enter Number of Bottles Sent to Lab | 4                  |
|          | W-PO4-F      |                    |                 |                                          |                                     |                    |
| Group: B | Bottle Type: | TEST HAS NO BOTTLE | # of Bottles: 1 | Preservative: ICE                        | Enter Number of Bottles Sent to Lab | 1 sent to contract |
|          | NW-UWF-ECQ   |                    |                 |                                          |                                     |                    |
| Group: C | Bottle Type: | P-1L               | # of Bottles: 1 | Preservative: ICE                        | Enter Number of Bottles Sent to Lab | 1                  |
|          | ALKALINITY   |                    |                 |                                          |                                     |                    |
|          | TURBIDITY    |                    |                 |                                          |                                     |                    |
|          | W-CL-IC      |                    |                 |                                          |                                     |                    |
|          | W-COLOR      |                    |                 |                                          |                                     |                    |
|          | W-F          |                    |                 |                                          |                                     |                    |
|          | W-SO4-IC     |                    |                 |                                          |                                     |                    |
|          | W-TDS        |                    |                 |                                          |                                     |                    |
|          | W-TSS        |                    |                 |                                          |                                     |                    |
| Group: C | Bottle Type: | P-500ML            | # of Bottles: 1 | Preservative: ICE And H2SO4              | Enter Number of Bottles Sent to Lab | 1                  |

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Group: C      Bottle Type: P-500ML      # of Bottles: 1      Preservative: ICE And H2SO4      Enter Number of Bottles Sent to Lab 1

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

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Group: C      Bottle Type: P-125ML      # of Bottles: 1      Preservative: FILTER-ICE      Enter Number of Bottles Sent to Lab ~~1~~ 1

W-PO4-F

PACE RUN

## 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: Jones PINS

Sampling Agency: 21 FL PINS

|              |                                                             |                                                                                   |                                                                           |                                                           |                                                        |                                                                            |                                   |   |
|--------------|-------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------|---|
| Location     | Field/WIN ID                                                |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 7/23/18 Time 1120 | Eastern<br><input checked="" type="checkbox"/> Central | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)<br>(See pg 2)     |   |
| Field ID     | G4NW0168                                                    |                                                                                   | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                           | Diss. Oxygen<br>6.45                                   | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)     |   |
| WIN/STORET # | Location:<br>Dridglers Creek above Parkview Street          |                                                                                   | Temp (C)<br>26.0                                                          | pH<br>6.38                                                | Sample Depth<br>0.1                                    | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) 65.9 |   |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                         | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)<br>0.03                                    | Comments                                               |                                                                            |                                   | A |
| Location     | Field/WIN ID                                                |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 7/23/18 Time 1150 | Eastern<br><input checked="" type="checkbox"/> Central | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                   |   |
| Field ID     | G4NW0273                                                    |                                                                                   | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                           | Diss. Oxygen<br>7.40                                   | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)     |   |
| WIN/STORET # | Location:<br>Pond Creek Mouth @ Wildwood Dr.                |                                                                                   | Temp (C)<br>24.5                                                          | pH<br>6.20                                                | Sample Depth<br>0.3                                    | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) 28.5 |   |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                         | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)<br>0.01                                    | Comments<br>Only E. Coli (sent to central lab)         |                                                                            |                                   | B |
| Location     | Field ID                                                    | WIN/STORET #                                                                      | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date _____ Time _____  | Eastern<br><input type="checkbox"/> Central            | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                   |   |
|              |                                                             |                                                                                   | 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)     |   |
|              |                                                             |                                                                                   | Temp (C)                                                                  | pH                                                        | Sample Depth                                           | <input type="checkbox"/> ft<br><input type="checkbox"/> m                  | Sp. Conductance<br>(umho/cm)      |   |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                         | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)                                            | Comments                                               |                                                                            |                                   |   |
| Location     | Field ID                                                    | WIN/STORET #                                                                      | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date _____ Time _____  | Eastern<br><input type="checkbox"/> Central            | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                   |   |
|              |                                                             |                                                                                   | 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)     |   |
|              |                                                             |                                                                                   | Temp (C)                                                                  | pH                                                        | Sample Depth                                           | <input type="checkbox"/> ft<br><input type="checkbox"/> m                  | Sp. Conductance<br>(umho/cm)      |   |
| Latitude     | <input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude                                                                         | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)                                            | Comments                                               |                                                                            |                                   |   |

|                                |                      |                           |                                 |                      |                           |
|--------------------------------|----------------------|---------------------------|---------------------------------|----------------------|---------------------------|
| Relinquished By:<br>Jones PINS | Date/Time<br>7/23/18 | Shipping Method<br>Fed Ex | Number of Coolers Shipped:<br>2 | Received By:<br>J.D. | Date/Time<br>7/24/18 9:00 |
|--------------------------------|----------------------|---------------------------|---------------------------------|----------------------|---------------------------|

|          |              |                    |                 |               |               |                                           |
|----------|--------------|--------------------|-----------------|---------------|---------------|-------------------------------------------|
| Group: A | Bottle Type: | P-1L               | # of Bottles: 4 | 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: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | CHLSUITE-W   |                    |                 |               |               |                                           |
| Group: A | Bottle Type: | TEST HAS NO BOTTLE | # of Bottles: 4 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | NW-UWF-ECQ   |                    |                 |               |               |                                           |
| Group: A | Bottle Type: | P-500ML            | # of Bottles: 4 | 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: 4 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab _____ |
|          | W-PO4-F      |                    |                 |               |               |                                           |
| Group: B | Bottle Type: | TEST HAS NO BOTTLE | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | NW-UWF-ECQ   |                    |                 |               |               |                                           |
| Group: C | Bottle Type: | P-1L               | # of Bottles: 1 | 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: C | Bottle Type: | P-500ML            | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab _____ |

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|          |              |         |                 |                             |                                           |
|----------|--------------|---------|-----------------|-----------------------------|-------------------------------------------|
| Group: C | Bottle Type: | P-500ML | # of Bottles: 1 | 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: C | Bottle Type: | P-125ML | # of Bottles: 1 | Preservative: FILTER-ICE | Enter Number of Bottles Sent to Lab _____ |
|----------|--------------|---------|-----------------|--------------------------|-------------------------------------------|

W-PO4-F

## Document Reference # 05.1.0

Method of transport: Drop off on ice by automobile

Sample received by: Resam Buzon of WRL

Sampler's initials : JP/WB

Page 1 of 1

Date/Time: 7/23/18 1 12 24

Date/Time: 7/23/18 1:224

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# #18005

RQ-2018-07-23-20

Contact name

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

Sampler's name: James Potts

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

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

Date of Request: 20-JUN-2018  
 Created By: KING\_M On: 20-JUN-2018  
 Modified By: SWANSON\_C On: 03-JUL-2018  
 Customer: NW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northwest District  
 Sampling Event: PACE RUN

**Send Coolers To:**

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

**Send Final Report To:**

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

**Program Module Number:**

Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 02-JUL-2018  
 Biology Request Reviewed By: SWANSON\_C On: 03-JUL-2018  
 Sampling Kit Required: YES Ship on: 13-JUL-2018  
 Sampling Kit Shipped: YES On: 11-JUL-2018  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 26-JUL-2018  
 Received By:

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

Comments: Group A: (WBID 10G, 444, 639, DUPLICATE) Freshwater Kit, Contract Lab Bacteria  
 Group B: (WBID 176) Contract Lab Bacteria  
 Group C: (WBID FIELD BLANK) Freshwater Kit no Chlorophyll,

**Bottle Group A (Water) With 4 Samples:**

|                          |                      |                                                                                                              |
|--------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L        | Number of Bottles: 4 | 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-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: 4 | 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: 4 | 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: 4 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>                                                       |
| 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: 4 | Preserved With: FILTER-ICE                                                                                   |
| W-PO4-F                  | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |

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

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

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

|                      |                      |                                                                                                      |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L    | Number of Bottles: 1 | 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: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                                        |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                           |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                   |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                  |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                     |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                                       |
| Bottle Type: P-125ML | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                                           |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L             |

Do Not Lift Using This Tag

ORIGIN ID: TLHA, (850) 595-0673  
MICHAEL KING  
160 GOVERNMENT CENTER SUITE 208 A  
PENSACOLA, FL 325025794  
UNITED STATES US

SHIP DATE: 11JUL18  
ACTWGT: 10.00 LB MAN  
CAD: 0446970/CAFE3210

TO JOHN WATTS  
FLORIDA DEP/CHEMISTRY SECTION  
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8077

REF:

DEPT:

RMA: ||| ||| |||



FedEx  
Express



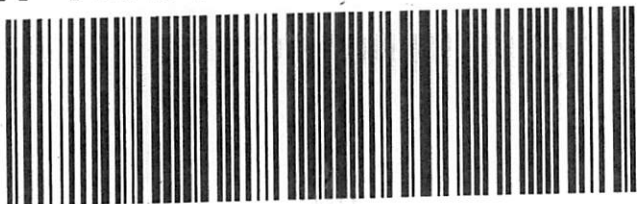
FedEx

TRK# 4385 5031 3230

XH TLHA

TUE - 24 JUL 10:30A  
PRIORITY OVERNIGHT

32399  
FL-US  
TLH



FTD 974582 23JUL18 PNSA 546C2/8532/8C8A



Package  
US Airbill

FedEx  
Tracking  
Number

8119 3904 4687

1 From

Date

7/23/18

Sender's  
Name

James Pitts

Phone

304 301-2247

Company

FIDEP

Address

160 W. Government St.

Dept./Floor/Suite/Room

City

Pensacola

State

FL

ZIP

32502

2 Your Internal Billing Reference

3 To

Recipient's  
Name

SAMPLE RECEIVING

Phone

850 245-8085

Company

FLORIDA DEP/CHEMISTRY SECTION

Address

2500 BLAIRSTONE RD

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Dept./Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City

TALLAHASSEE

State

FL

ZIP

32399-6542

Hold Weekday

FedEx location address  
REQUIRED. NOT available for  
FedEx First Overnight.

Hold Saturday

FedEx location address  
REQUIRED. Available ONLY for  
FedEx Priority Overnight and  
FedEx 2Day to select locations.



8119 3904 4687

Form  
ID No.

0215

Recipient's Copy

4 Express Package Service

\*To most locations.

Packages up to 150 lbs.  
For packages over 150 lbs., use the  
FedEx Express Freight US Airbill.

Next Business Day

☐

FedEx First Overnight

Earliest next business morning delivery to select  
locations. Friday shipments will be delivered on  
Monday unless Saturday Delivery is selected.

☒

FedEx Priority Overnight

Next business morning. \* Friday shipments will be  
delivered on Monday unless Saturday Delivery  
is selected.

☐

FedEx Standard Overnight

Next business afternoon.  
Saturday Delivery NOT available.

2 or 3 Business Days

☐

FedEx 2Day A.M.

Second business morning.  
Saturday Delivery NOT available.

☐

FedEx 2Day

Second business afternoon. \* Thursday shipments  
will be delivered on Monday unless Saturday  
Delivery is selected.

☐

FedEx Express Saver

Third business day.  
Saturday Delivery NOT available.

5 Packaging

\*\*Declared value limit \$500.

☐

FedEx Envelope\*

☐

FedEx Pak\*

☐

FedEx  
Box

☐

FedEx  
Tube

☒

Other

6 Special Handling and Delivery Signature Options

Fees may apply. See the FedEx Service Guide.

☐

Saturday Delivery

NOT available for FedEx Standard Overnight, FedEx 2Day A.M., or FedEx Express Saver.

☒

No Signature Required -

Package may be left without  
obtaining a signature for delivery.

☐

Direct Signature

Someone at recipient's address  
may sign for delivery.

☐

Indirect Signature

If no one is available at recipient's  
address, someone at a neighboring  
address may sign for delivery. For  
residential deliveries only.

Does this shipment contain dangerous goods?

One box must be checked.

☒

No

☐

Yes

As per attached  
Shipper's Declaration.

☐

Yes

Shipper's Declaration  
not required.

☐

Dry Ice

Dry Ice, 9, UN 1845

x

kg

Restrictions apply for dangerous goods — see the current FedEx Service Guide.

☐ Cargo Aircraft Only

7 Payment Bill to:

☐ Sender  
Acct. No. in Section  
4 will be billed.

☒ Recipient

☐ Third Party

☐ Credit Card

Obtain recip.  
Acct. No. ☐

☐ Cash/Check

Total Packages

Total Weight

Credit Card Auth.

\*Our liability is limited to US\$100 unless you declare a higher value. See the current FedEx Service Guide for details.

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Cooler Packing Worksheet for Request: RQ-2018-07-23-20

PACE RUN

Ship Cooler On: 7/13/2018

Customer/Project: NW-DIST/SMP

Assigned To: REYNOLDS\_T

Requester: Michael King

Priority: 3

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

Please return  
packing list with  
sample submittal  
forms.

Comments:

No preservatives needed.

Group A: (WBID 10G, 444, 639, DUPLICATE) Freshwater Kit, Contract Lab Bacteria

Group B: (WBID 176) Contract Lab Bacteria

Group C: (WBID FIELD BLANK) Freshwater Kit no Chlorophyll,

**Requested Analyses:**

**Bottle Group: A**

**# of Sites: 4**

Container ID: P-1L

Qty: 4      Preservation: ICE

Lot # 00071233

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 CaCO<sub>3</sub>/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: 4      Preservation: ICE

Lot # 1223223

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: 4 Preservation: ICE

Lot # NONE

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: 4 Preservation: ICE And H2SO4

Lot # 00071230

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: 4 Preservation: FILTER-ICE

Lot # 00070627

Description: Plastic Bottle 125 mL

Analysis  
W-PO4-F

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

**Bottle Group: B**

**# of Sites: 1**

Container ID: TEST HAS NO BOTTLE Qty: 1 Preservation: ICE

Lot # NONE

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

**Bottle Group: C**

**# of Sites: 1**

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 00071233

Description: Plastic Bottle 1L

Analysis  
ALKALINITY  
TURBIDITY

Description  
Alkalinity in aqueous matrices as mg CaCO3/L  
Turbidity in aqueous matrices

|          |                                                                                     |
|----------|-------------------------------------------------------------------------------------|
| W-CL-IC  | Chloride in aqueous matrices                                                        |
| W-COLOR  | True Color measured at 450 nm                                                       |
| W-F      | Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO4-IC | Sulfate in aqueous matrices                                                         |
| W-TDS    | Total Dissolved Solids in aqueous matrices                                          |
| W-TSS    | Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample      |

Container ID: P-500ML

Qty: 1 Preservation: ICE And H2SO4

Lot # 00071230

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: 1 Preservation: FILTER-ICE

Lot # 00070627

Description: Plastic Bottle 125 mL

**Analysis**

W-PO4-F

**Description**

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

Cooler Packed By: Tyler R

Number of Coolers: 1

Date: 07/11/18

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-2018-07-23-20**