

RQ- 2018-04-09-20

## Log-in Checklist

Login Station ID: #5Shipping Method: FedEx | UPS ☒ Greyhound | \_\_\_\_\_Date/Time of Receipt: 04/12/18 @ 14:05

| 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>Red</u> | <u>2.1°C</u>        |                                 |               |  |          | <u>X</u> |                                                       |
| <u>Red</u> | <u>1.9°C</u>        |                                 |               |  |          | <u>X</u> |                                                       |
| <u>Red</u> | <u>2.8°C</u>        |                                 |               |  |          | <u>X</u> |                                                       |
|            |                     |                                 |               |  |          |          |                                                       |
|            |                     |                                 |               |  |          |          |                                                       |
|            |                     |                                 |               |  |          |          |                                                       |

\*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 (Blue dot on container)

| 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                                                                                 |     | <input checked="" type="checkbox"/> | W-NP-AA-SF |     |                                     |
| W-BNA (-625, -R)                                                                                     |     |                                     | W-PDQUAT   |     |                                     |
| W-CARB-AA (-CAB-AA-R)                                                                                |     | <input checked="" type="checkbox"/> | W-PCL-SQ-R |     | <input checked="" type="checkbox"/> |
| W-U2060-MS                                                                                           |     |                                     | W-TR-TQ    |     |                                     |
| W-PCB-R                                                                                              |     |                                     | W-CT-CI-R  |     | <input checked="" type="checkbox"/> |
| W-PAH (-R)                                                                                           |     |                                     | W-PSNP-TQ  |     | <input checked="" type="checkbox"/> |

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

\*\*Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No \_\_\_\_\_ NA \_\_\_\_\_ Init: [Signature]

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

Coolers Unpacked/Checked by: Tyler H. Date: 04/12/18 NCRs (Y/N)? N

Big, Big, Staffors, Coon, Stone M  
Event WAS-SECT-2018-04-12-01 (SMP) NCR # \_\_\_\_\_

Date Received: 12-APR-2018 14:05

# 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:   |  |
| pH Paper 0.0 – 3.0 Lot #   |  |
| pH Paper 0 – 13 Lot #      |  |
| Chlorine Test Strips Lot # |  |

## ENCORE SAMPLES

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

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

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

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

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

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

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

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

# Florida Department of Environmental Protection

## Central Laboratory Submittal Form

Big, Big, Staffors, Coon, Stone Mill

last revised Jan 25, 2018

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: Ben Ralys, Will Lasley

Project ID: SMP

Collected By: Ben Ralys, Will Lasley

Sampling Agency: FDEP

|                     |  |                                                                           |  |                                                                                               |  |                                                                                 |  |                                                                            |  |                                                              |  |
|---------------------|--|---------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------|--|----------------------------------------------------------------------------|--|--------------------------------------------------------------|--|
| Location            |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or <input checked="" type="checkbox"/> grab)<br>Date 4/12/18 Time 1045 |  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central |  | Composite end<br>Date — Time —                                             |  | Bottle Group(s)<br>(See pg 2)                                |  |
| Field ID            |  | WIN ID / Field ID                                                         |  | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                                                |  | Diss. Oxygen<br>82.6                                                            |  | <input type="checkbox"/> mg/L<br><input checked="" type="checkbox"/> % sat |  | Total Res. Chlorine<br>(mg/L) —                              |  |
| WIN/STORET #        |  | G2WA0012                                                                  |  | Temp (C) 16.64                                                                                |  | pH 5.36                                                                         |  | Sample Depth 0.3                                                           |  | Sp. Conductance (umho/cm) 34                                 |  |
| Latitude 30.1577919 |  | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms    |  | Longitude -85.2302                                                                            |  | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms          |  | Salinity (ppt) 0.01                                                        |  | Comments                                                     |  |
| Location            |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or <input checked="" type="checkbox"/> grab)<br>Date 4/12/18 Time 1022 |  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central |  | Composite end<br>Date — Time —                                             |  | Bottle Group(s)                                              |  |
| Field ID            |  | WIN ID / Field ID                                                         |  | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                                                |  | Diss. Oxygen<br>73.7                                                            |  | <input type="checkbox"/> mg/L<br><input checked="" type="checkbox"/> % sat |  | Total Res. Chlorine<br>(mg/L) —                              |  |
| WIN/STORET #        |  | G2WA0010                                                                  |  | Temp (C) 13.91                                                                                |  | pH 4.11                                                                         |  | Sample Depth 0.25                                                          |  | Sp. Conductance (umho/cm) 27                                 |  |
| Latitude 30.158     |  | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms    |  | Longitude -85.252                                                                             |  | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms          |  | Salinity (ppt) 0.01                                                        |  | Comments newly paved road and newly installed culvert bridge |  |
| Location            |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or <input checked="" type="checkbox"/> grab)<br>Date 4/12/18 Time 0944 |  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central |  | Composite end<br>Date — Time —                                             |  | Bottle Group(s)                                              |  |
| Field ID            |  | WIN ID / Field ID                                                         |  | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                                                |  | Diss. Oxygen<br>76.1                                                            |  | <input type="checkbox"/> mg/L<br><input checked="" type="checkbox"/> % sat |  | Total Res. Chlorine<br>(mg/L) —                              |  |
| WIN/STORET #        |  | G2WA0005                                                                  |  | Temp (C) 15.11                                                                                |  | pH 4.30                                                                         |  | Sample Depth 0.3                                                           |  | Sp. Conductance (umho/cm) 36                                 |  |
| Latitude 30.3929    |  | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms    |  | Longitude -85.0625                                                                            |  | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms          |  | Salinity (ppt) 0.02                                                        |  | Comments                                                     |  |
| Location            |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or <input checked="" type="checkbox"/> grab)<br>Date 4/12/18 Time 1146 |  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central |  | Composite end<br>Date — Time —                                             |  | Bottle Group(s)                                              |  |
| Field ID            |  | WIN ID / Field ID                                                         |  | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                                                |  | Diss. Oxygen<br>93.4                                                            |  | <input type="checkbox"/> mg/L<br><input checked="" type="checkbox"/> % sat |  | Total Res. Chlorine<br>(mg/L) —                              |  |
| WIN/STORET #        |  | G2WA0004                                                                  |  | Temp (C) 16.67                                                                                |  | pH 5.70                                                                         |  | Sample Depth 0.2                                                           |  | Sp. Conductance (umho/cm) 60                                 |  |
| Latitude 30.4991    |  | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms    |  | Longitude -85.0427                                                                            |  | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms          |  | Salinity (ppt) 0.03                                                        |  | Comments                                                     |  |

|                  |              |                 |                            |              |              |
|------------------|--------------|-----------------|----------------------------|--------------|--------------|
| Relinquished By: | Date/Time    | Shipping Method | Number of Coolers Shipped: | Received By: | Date/Time    |
| W/BR             | 4/12/18 1400 |                 | 3                          |              | 4/12/18 1405 |

|          |                                                                                    |                |                 |               |                            |                                     |          |
|----------|------------------------------------------------------------------------------------|----------------|-----------------|---------------|----------------------------|-------------------------------------|----------|
| Group: A | Bottle Type:                                                                       | P-1L           | # of Bottles: 3 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | <u>3</u> |
|          | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS |                |                 |               |                            |                                     |          |
| Group: A | Bottle Type:                                                                       | BP-1L          | # of Bottles: 3 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | <u>3</u> |
|          | CHLSUITE-W                                                                         |                |                 |               |                            |                                     |          |
| Group: A | Bottle Type:                                                                       | P-500ML        | # of Bottles: 3 | Preservative: | ICE And H2SO4              | Enter Number of Bottles Sent to Lab | <u>3</u> |
|          | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    |                |                 |               |                            |                                     |          |
| Group: A | Bottle Type:                                                                       | P-125ML        | # of Bottles: 3 | Preservative: | FILTER-ICE                 | Enter Number of Bottles Sent to Lab | <u>3</u> |
|          | W-PO4-F                                                                            |                |                 |               |                            |                                     |          |
| Group: B | Bottle Type:                                                                       | P-500ML        | # of Bottles: 2 | Preservative: | HNO3                       | Enter Number of Bottles Sent to Lab | <u>2</u> |
|          | W-ICP<br>W-ICPMS                                                                   |                |                 |               |                            |                                     |          |
| Group: C | Bottle Type:                                                                       | P-250ML-WO-THI | # of Bottles: 5 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | <u>5</u> |
|          | ECOLI-18QT                                                                         |                |                 |               |                            |                                     |          |
| Group: D | Bottle Type:                                                                       | QPCR-P-250ML   | # of Bottles: 2 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | <u>2</u> |
|          | PCR-FILTER                                                                         |                |                 |               |                            |                                     |          |
| Group: D | Bottle Type:                                                                       | BG-500ML       | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | <u>2</u> |
|          | W-E8321-DI<br>W-E8321-MS                                                           |                |                 |               |                            |                                     |          |
| Group: E | Bottle Type:                                                                       | BG-500ML       | # of Bottles: 2 | Preservative: | CH2CICOOH<br>Pre-Preserved | Enter Number of Bottles Sent to Lab | <u>2</u> |
|          | W-CARB-AA                                                                          |                |                 |               |                            |                                     |          |
| Group: E | Bottle Type:                                                                       | BG-500ML       | # of Bottles: 6 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | <u>6</u> |

|          |              |          |                 |               |     |                                     |          |
|----------|--------------|----------|-----------------|---------------|-----|-------------------------------------|----------|
| Group: E | Bottle Type: | BG-500ML | # of Bottles: 6 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | <u>6</u> |
|          | W-CT-CI-R    |          |                 |               |     |                                     |          |
|          | W-PCL-SQ-R   |          |                 |               |     |                                     |          |
| Group: E | Bottle Type: | BG-500ML | # of Bottles: 2 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | <u>2</u> |
|          | W-E8321-DI   |          |                 |               |     |                                     |          |
|          | W-E8321-MS   |          |                 |               |     |                                     |          |
| Group: E | Bottle Type: | BG-1L    | # of Bottles: 6 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | <u>6</u> |
|          | W-PSNP-TQ    |          |                 |               |     |                                     |          |

**Florida Department of Environmental Protection**  
**Central Laboratory Submittal Form**

Big, Big, Staffors, Coon, Stone Mill

last revised Jan 25, 2018

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By:

Ben Rabys, Will Lasley

Project ID: SMP

Collected By:

Ben Rabys, Will Lasley

Sampling Agency:

FDEP

|                         |  |                                                                           |  |                                                                         |  |                                                                                 |  |                                              |  |                               |  |
|-------------------------|--|---------------------------------------------------------------------------|--|-------------------------------------------------------------------------|--|---------------------------------------------------------------------------------|--|----------------------------------------------|--|-------------------------------|--|
| Location                |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or grab)<br>Date <u>4/12/18</u> Time <u>0850</u> |  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central |  | Composite end<br>Date <u>-</u> Time <u>-</u> |  | Bottle Group(s)<br>(See pg 2) |  |
| Field ID                |  | Matrix (type, e.g., Salt, Fresh, etc)<br><u>Fresh</u>                     |  | Diss. Oxygen<br><u>77.8</u>                                             |  | <input type="checkbox"/> mg/L<br><input checked="" type="checkbox"/> % sat      |  | Total Res. Chlorine<br>(mg/L)                |  | <u>C, D, E</u>                |  |
| WIN/STORET #            |  | Temp (C)<br><u>14.67</u>                                                  |  | pH<br><u>4.91</u>                                                       |  | Sample Depth<br><u>0.25</u>                                                     |  | Sp. Conductance<br>(umho/cm) <u>37</u>       |  |                               |  |
| Latitude <u>30.3110</u> |  | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms    |  | Longitude <u>-84.7651</u>                                               |  | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms          |  | Salinity (ppt) <u>0.02</u>                   |  | Comments                      |  |
| Location                |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            |  | Collection (comp begin or grab)<br>Date <u>-</u> Time <u>-</u>          |  | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central            |  | Composite end<br>Date <u>-</u> Time <u>-</u> |  | Bottle 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 (C)                                                                  |  | pH                                                                      |  | Sample Depth                                                                    |  | 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                |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            |  | Collection (comp begin or grab)<br>Date <u>-</u> Time <u>-</u>          |  | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central            |  | Composite end<br>Date <u>-</u> Time <u>-</u> |  | Bottle 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 (C)                                                                  |  | pH                                                                      |  | Sample Depth                                                                    |  | 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                |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            |  | Collection (comp begin or grab)<br>Date <u>-</u> Time <u>-</u>          |  | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central            |  | Composite end<br>Date <u>-</u> Time <u>-</u> |  | Bottle 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 (C)                                                                  |  | pH                                                                      |  | Sample Depth                                                                    |  | 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><u>WJGR</u> | Date/Time<br><u>4/12/18 1400</u> | Shipping Method | Number of Coolers Shipped:<br><u>3</u> | Received By:<br><u>[Signature]</u> | Date/Time<br><u>4/12/18 1405</u> |
|---------------------------------|----------------------------------|-----------------|----------------------------------------|------------------------------------|----------------------------------|

|          |              |                |                 |               |                            |                                     |   |
|----------|--------------|----------------|-----------------|---------------|----------------------------|-------------------------------------|---|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 3 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 3 |
|          | ALKALINITY   |                |                 |               |                            |                                     |   |
|          | TURBIDITY    |                |                 |               |                            |                                     |   |
|          | W-CL-IC      |                |                 |               |                            |                                     |   |
|          | W-COLOR      |                |                 |               |                            |                                     |   |
|          | W-F          |                |                 |               |                            |                                     |   |
|          | W-SO4-IC     |                |                 |               |                            |                                     |   |
|          | W-TDS        |                |                 |               |                            |                                     |   |
|          | W-TSS        |                |                 |               |                            |                                     |   |
| Group: A | Bottle Type: | BP-1L          | # of Bottles: 3 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 3 |
|          | CHLSUITE-W   |                |                 |               |                            |                                     |   |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 3 | Preservative: | ICE And H2SO4              | Enter Number of Bottles Sent to Lab | 3 |
|          | W-NH3        |                |                 |               |                            |                                     |   |
|          | W-NO2NO3     |                |                 |               |                            |                                     |   |
|          | W-S-A-TP     |                |                 |               |                            |                                     |   |
|          | W-TKN        |                |                 |               |                            |                                     |   |
|          | W-TOC        |                |                 |               |                            |                                     |   |
| Group: A | Bottle Type: | P-125ML        | # of Bottles: 3 | Preservative: | FILTER-ICE                 | Enter Number of Bottles Sent to Lab | 3 |
|          | W-PO4-F      |                |                 |               |                            |                                     |   |
| Group: B | Bottle Type: | P-500ML        | # of Bottles: 2 | Preservative: | HNO3                       | Enter Number of Bottles Sent to Lab | 2 |
|          | W-ICP        |                |                 |               |                            |                                     |   |
|          | W-ICPMS      |                |                 |               |                            |                                     |   |
| Group: C | Bottle Type: | P-250ML-WO-THI | # of Bottles: 5 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 5 |
|          | ECOLI-18QT   |                |                 |               |                            |                                     |   |
| Group: D | Bottle Type: | QPCR-P-250ML   | # of Bottles: 2 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 2 |
|          | PCR-FILTER   |                |                 |               |                            |                                     |   |
| Group: D | Bottle Type: | BG-500ML       | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 2 |
|          | W-E8321-DI   |                |                 |               |                            |                                     |   |
|          | W-E8321-MS   |                |                 |               |                            |                                     |   |
| Group: E | Bottle Type: | BG-500ML       | # of Bottles: 2 | Preservative: | CH2CICOOH<br>Pre-Preserved | Enter Number of Bottles Sent to Lab | 2 |
|          | W-CARB-AA    |                |                 |               |                            |                                     |   |
| Group: E | Bottle Type: | BG-500ML       | # of Bottles: 6 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 6 |

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|          |              |          |                 |               |     |                                     |          |
|----------|--------------|----------|-----------------|---------------|-----|-------------------------------------|----------|
| Group: E | Bottle Type: | BG-500ML | # of Bottles: 6 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | <u>6</u> |
|          | W-CT-CI-R    |          |                 |               |     |                                     |          |
|          | W-PCL-SQ-R   |          |                 |               |     |                                     |          |

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|          |              |          |                 |               |     |                                     |          |
|----------|--------------|----------|-----------------|---------------|-----|-------------------------------------|----------|
| Group: E | Bottle Type: | BG-500ML | # of Bottles: 2 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | <u>2</u> |
|          | W-E8321-DI   |          |                 |               |     |                                     |          |
|          | W-E8321-MS   |          |                 |               |     |                                     |          |

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|          |              |       |                 |               |     |                                     |          |
|----------|--------------|-------|-----------------|---------------|-----|-------------------------------------|----------|
| Group: E | Bottle Type: | BG-1L | # of Bottles: 6 | Preservative: | ICE | Enter Number of Bottles Sent to Lab | <u>6</u> |
|          | W-PSNP-TQ    |       |                 |               |     |                                     |          |

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Date of Request: 05-MAR-2018  
 Created By: MUSSON\_C On: 05-MAR-2018  
 Modified By: SWANSON\_C On: 27-MAR-2018  
 Customer: WAS-SECT  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District:  
 Sampling Event: Big, Big, Staffors, Coon, Stone Mill

**Send Coolers To:**

Phone: 850-245-8453  
 2600 Blair Stone Rd  
  
 Tallahassee, FL 32399  
 Attn: Curtis Musson

Program Module Number:  
 Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 23-MAR-2018  
 Biology Request Reviewed By: SWANSON\_C On: 27-MAR-2018  
 Sampling Kit Required: YES Ship on: 05-APR-2018  
 Sampling Kit Shipped: YES On: 03-APR-2018  
 Sampling Kit Packed By: REAVES\_S  
 Preservatives Needed: NO  
 Date to Receive Samples: 11-APR-2018  
 Received By:

**Send Final Report To:**

2600 Blair Stone Rd  
  
 Tallahassee, FL 32399  
 Attn: Curtis Musson

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

Comments: Group A: Freshwater Kit  
 Group B: Metals  
 Group C: E. coli  
 Group D: Tracers/Markers  
 Group E: Pesticides (AHERB Long List)

Packing Notes:  
 No FedEx labels  
 No Trash Bags

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

|                                   |                      |                                                                                                              |
|-----------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 3 | Preserved With: ICE                                                                                          |
| ALKALINITY                        | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg 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                                                    |
| Bottle Type: BP-1L                | Number of Bottles: 3 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                        | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-500ML              | Number of Bottles: 3 | Preserved With: ICE And 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: 3 | 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                     |

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

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | Preserved With: HNO3                                                                                                                           |
| W-ICP                | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Calcium              |                      |                                                                                                                                                |
| Chromium             |                      |                                                                                                                                                |
| Iron                 |                      |                                                                                                                                                |
| Magnesium            |                      |                                                                                                                                                |
| Nickel               |                      |                                                                                                                                                |
| Potassium            |                      |                                                                                                                                                |
| Sodium               |                      |                                                                                                                                                |
| Zinc                 |                      |                                                                                                                                                |
| W-ICPMS              | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| Arsenic              |                      |                                                                                                                                                |
| Cadmium              |                      |                                                                                                                                                |
| Copper               |                      |                                                                                                                                                |
| Lead                 |                      |                                                                                                                                                |
| Silver               |                      |                                                                                                                                                |

**Bottle Group C (Water) With 5 Samples:**

|              |                      |                                                                                                          |
|--------------|----------------------|----------------------------------------------------------------------------------------------------------|
| Bottle Type: | Number of Bottles: 5 | Preserved With: ICE                                                                                      |
| ECOLI-18QT   | Template: DEFAULT    | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems |

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

|                           |                      |                                                                                         |
|---------------------------|----------------------|-----------------------------------------------------------------------------------------|
| Bottle Type: QPCR-P-250ML | Number of Bottles: 2 | Preserved With: ICE                                                                     |
| PCR-FILTER                | Template: DEFAULT    | (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis           |
| Bottle Type: BG-500ML     | Number of Bottles: 1 | Preserved With: ICE                                                                     |
| W-E8321-DI                | Template: SUCRALOSE  | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |
| W-E8321-MS                | Template: ADD-PYRACL | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |

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

|                       |                      |                                                                                                        |
|-----------------------|----------------------|--------------------------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML | Number of Bottles: 6 | Preserved With: ICE                                                                                    |
| W-CT-CI-R             | Template: DEFAULT    | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization      |
| W-PCL-SQ-R            | Template: DEFAULT    | (EPA 8270D) Organochlorine pesticides in water matrices by GC/MS-SIM                                   |
| Bottle Type: BG-500ML | Number of Bottles: 2 | Preserved With: ICE                                                                                    |
| W-E8321-DI            | Template: ROC-ALL    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                |
| W-E8321-MS            | Template: ADD-PYRACL | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                |
| Bottle Type: BG-1L    | Number of Bottles: 6 | Preserved With: ICE                                                                                    |
| W-PSNP-TQ             | Template: DEFAULT    | (EPA 8270D) Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS |
| Bottle Type: BG-500ML | Number of Bottles: 2 | Preserved With: CH2ClCOOH Pre-Preserved                                                                |
| W-CARB-AA             | Template: DEFAULT    | (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS                                                 |

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