

# Log-in Checklist

RQ-2018-07-30-18

Login Station ID: # 3

Shipping Method: FedEx | UPS HD | Greyhound | \_\_\_\_\_ Date/Time of Receipt: 8/20/18 1545

| Cooler ID | Cooler Temperature* | No. Sample Containers in Cooler | Evidence Tape |    |          |    | Tracking # (fill out only if waybill copy is damaged) |
|-----------|---------------------|---------------------------------|---------------|----|----------|----|-------------------------------------------------------|
|           |                     |                                 | Present?      |    | *Intact? |    |                                                       |
|           |                     |                                 | Yes           | No | Yes      | No |                                                       |
| Red       | 4.2                 | 6                               |               | Y  |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |

\*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 X No \_\_\_\_\_

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes \_\_\_\_\_ No \_\_\_\_\_ Date \_\_\_\_\_

## CONTAINER CHECK

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

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

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

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes X No \_\_\_\_\_ Init: ABS

| Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required. |     |          |            |     |    |
|------------------------------------------------------------------------------------------------------|-----|----------|------------|-----|----|
| Analysis                                                                                             | Yes | No       | Analysis   | Yes | No |
| W-1,4 DIOX                                                                                           |     |          | W-PC-AA-SF |     |    |
| W-E8321-DI, -MS, -21                                                                                 |     | <u>X</u> | 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 X No \_\_\_\_\_ NA \_\_\_\_\_ Init: ABS

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

Coolers Unpacked/Checked by: ABS Date: 8/20/18 NCRs (Y/N)? \_\_\_\_\_

Event ID: Alligator Creek NCR # \_\_\_\_\_

- WAS-SECT-2018-08-20-01 (SMP)

Date Received: 20-AUG-2018 15:45

## Log-in Checklist

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

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

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

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

### Bottles Not Intact

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

### Samples with Insufficient Volume for Analyses

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

### Additional Comments:

|                            |                       |
|----------------------------|-----------------------|
| Infrared Thermometer ID:   | REC_03_2018           |
| pH Paper 0.0 – 3.0 Lot #   | 230515 EXP:10/30/2018 |
| pH Paper 0 – 13 Lot #      | 222516 EXP:09/15/2019 |
| Chlorine Test Strips Lot # | 8062 EXP:2020/12      |

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

Alligator Creek

## Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: Ben Ralys

Project ID: SMP

Collected By: Ben Ralys, Jason Stokes

Sampling Agency: FDEP

|              |  |                                                                           |  |                                                            |  |                                                                                 |  |                                                                      |  |                                 |  |
|--------------|--|---------------------------------------------------------------------------|--|------------------------------------------------------------|--|---------------------------------------------------------------------------------|--|----------------------------------------------------------------------|--|---------------------------------|--|
| Location     |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab |  | Collection (comp begin or grab)<br>Date 8/20/18 Time 11:45 |  | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central |  | Composite end<br>Date — Time —                                       |  | Bottle Group(s)<br>(See pg 2)   |  |
| Field ID     |  | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            |  | Diss. Oxygen<br>53.0                                       |  | <input type="checkbox"/> mg/L<br><input checked="" type="checkbox"/> % sat      |  | Total Res. Chlorine<br>(mg/L) —                                      |  | B                               |  |
| WIN/STORET # |  | Temp (C)<br>26.18                                                         |  | pH<br>6.13                                                 |  | Sample Depth<br>0.15                                                            |  | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m |  | Sp. Conductance<br>(umho/cm) 38 |  |
| Latitude     |  | Longitude                                                                 |  | Salinity (ppt)<br>0.02                                     |  | Comments                                                                        |  |                                                                      |  |                                 |  |
| Location     |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            |  | Collection (comp begin or grab)<br>Date — Time —           |  | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central            |  | Composite end<br>Date — Time —                                       |  | 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                                                                    |  | <input type="checkbox"/> ft<br><input type="checkbox"/> m            |  | Sp. Conductance<br>(umho/cm)    |  |
| Latitude     |  | Longitude                                                                 |  | Salinity (ppt)                                             |  | Comments                                                                        |  |                                                                      |  |                                 |  |
| Location     |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            |  | Collection (comp begin or grab)<br>Date — Time —           |  | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central            |  | Composite end<br>Date — Time —                                       |  | 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                                                                    |  | <input type="checkbox"/> ft<br><input type="checkbox"/> m            |  | Sp. Conductance<br>(umho/cm)    |  |
| Latitude     |  | Longitude                                                                 |  | Salinity (ppt)                                             |  | Comments                                                                        |  |                                                                      |  |                                 |  |
| Location     |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            |  | Collection (comp begin or grab)<br>Date — Time —           |  | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central            |  | Composite end<br>Date — Time —                                       |  | 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                                                                    |  | <input type="checkbox"/> ft<br><input type="checkbox"/> m            |  | Sp. Conductance<br>(umho/cm)    |  |
| Latitude     |  | Longitude                                                                 |  | Salinity (ppt)                                             |  | Comments                                                                        |  |                                                                      |  |                                 |  |
| Location     |  | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            |  | Collection (comp begin or grab)<br>Date — Time —           |  | <input type="checkbox"/> Eastern<br><input type="checkbox"/> Central            |  | Composite end<br>Date — Time —                                       |  | 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                                                                    |  | <input type="checkbox"/> ft<br><input type="checkbox"/> m            |  | Sp. Conductance<br>(umho/cm)    |  |
| Latitude     |  | Longitude                                                                 |  | Salinity (ppt)                                             |  | Comments                                                                        |  |                                                                      |  |                                 |  |

|                               |                           |                              |                                 |                             |                            |
|-------------------------------|---------------------------|------------------------------|---------------------------------|-----------------------------|----------------------------|
| Relinquished By:<br>Ben Ralys | Date/Time<br>8/20/18 3:45 | Shipping Method<br>Delivered | Number of Coolers Shipped:<br>1 | Received By:<br>[Signature] | Date/Time<br>08-20-18/3:45 |
|-------------------------------|---------------------------|------------------------------|---------------------------------|-----------------------------|----------------------------|

P.M.

|          |                                                                                    |                |                 |               |                            |                                     |   |
|----------|------------------------------------------------------------------------------------|----------------|-----------------|---------------|----------------------------|-------------------------------------|---|
| Group: A | Bottle Type:                                                                       | P-1L           | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 0 |
|          | 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: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 0 |
|          | CHLSUITE-W                                                                         |                |                 |               |                            |                                     |   |
| Group: A | Bottle Type:                                                                       | P-250ML-WO-THI | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 0 |
|          | ECOLI-18QT                                                                         |                |                 |               |                            |                                     |   |
| Group: A | Bottle Type:                                                                       | QPCR-P-500ML   | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 0 |
|          | PCR-BACR<br>PCR-HF183                                                              |                |                 |               |                            |                                     |   |
| Group: A | Bottle Type:                                                                       | BG-500ML       | # of Bottles: 1 | Preservative: | CH2ClCOOH<br>Pre-Preserved | Enter Number of Bottles Sent to Lab | 0 |
|          | W-CARB-AA                                                                          |                |                 |               |                            |                                     |   |
| Group: A | Bottle Type:                                                                       | BG-500ML       | # of Bottles: 4 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 0 |
|          | W-CT-CI-R<br>W-PCL-SQ-R                                                            |                |                 |               |                            |                                     |   |
| Group: A | Bottle Type:                                                                       | BG-500ML       | # of Bottles: 1 | Preservative: | ICE                        | Enter Number of Bottles Sent to Lab | 0 |
|          | W-E8321-DI<br>W-E8321-MS                                                           |                |                 |               |                            |                                     |   |
| Group: A | Bottle Type:                                                                       | P-500ML        | # of Bottles: 1 | Preservative: | HNO3                       | Enter Number of Bottles Sent to Lab | 0 |
|          | W-ICP<br>W-ICPMS                                                                   |                |                 |               |                            |                                     |   |
| Group: A | Bottle Type:                                                                       | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4              | Enter Number of Bottles Sent to Lab | 0 |
|          | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    |                |                 |               |                            |                                     |   |

|          |                                                                                                    |                |                 |                             |                                     |                                                    |
|----------|----------------------------------------------------------------------------------------------------|----------------|-----------------|-----------------------------|-------------------------------------|----------------------------------------------------|
| Group: A | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 1 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab | 0                                                  |
| Group: A | Bottle Type:<br>W-PSNP-TQ                                                                          | BG-1L          | # of Bottles: 4 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 0                                                  |
| Group: B | Bottle Type:<br>ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS | P-1L           | # of Bottles: 6 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1                                                  |
| Group: B | Bottle Type:<br>CHLSUITE-W                                                                         | BP-1L          | # of Bottles: 6 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1                                                  |
| Group: B | Bottle Type:<br>ECOLI-18QT                                                                         | P-250ML-WO-THI | # of Bottles: 6 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1                                                  |
| Group: B | Bottle Type:<br>PCR-BACR<br>PCR-HF183                                                              | QPCR-P-500ML   | # of Bottles: 6 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 10<br>AAB 08/20/18<br>cut off in solid not collect |
| Group: B | Bottle Type:<br>W-E8321-DI<br>W-E8321-MS                                                           | BG-500ML       | # of Bottles: 6 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 1                                                  |
| Group: B | Bottle Type:<br>W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    | P-500ML        | # of Bottles: 6 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 1                                                  |
| Group: B | Bottle Type:<br>W-PO4-F                                                                            | P-125ML        | # of Bottles: 6 | Preservative: FILTER-ICE    | Enter Number of Bottles Sent to Lab | 1                                                  |
| Group: C | Bottle Type:                                                                                       | P-1L           | # of Bottles: 2 | Preservative: ICE           | Enter Number of Bottles Sent to Lab | 0                                                  |

|          |              |                |                 |               |               |                                     |   |
|----------|--------------|----------------|-----------------|---------------|---------------|-------------------------------------|---|
| Group: C | Bottle Type: | P-1L           | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 0 |
|          | ALKALINITY   |                |                 |               |               |                                     |   |
|          | TURBIDITY    |                |                 |               |               |                                     |   |
|          | W-CL-IC      |                |                 |               |               |                                     |   |
|          | W-COLOR      |                |                 |               |               |                                     |   |
|          | W-F          |                |                 |               |               |                                     |   |
|          | W-SO4-IC     |                |                 |               |               |                                     |   |
|          | W-TDS        |                |                 |               |               |                                     |   |
|          | W-TSS        |                |                 |               |               |                                     |   |
| Group: C | Bottle Type: | BP-1L          | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 0 |
|          | CHLSUITE-W   |                |                 |               |               |                                     |   |
| Group: C | Bottle Type: | P-250ML-WO-THI | # of Bottles: 2 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 0 |
|          | ECOLI-18QT   |                |                 |               |               |                                     |   |
| Group: C | Bottle Type: | P-500ML        | # of Bottles: 2 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 0 |
|          | W-NH3        |                |                 |               |               |                                     |   |
|          | W-NO2NO3     |                |                 |               |               |                                     |   |
|          | W-S-A-TP     |                |                 |               |               |                                     |   |
|          | W-TKN        |                |                 |               |               |                                     |   |
|          | W-TOC        |                |                 |               |               |                                     |   |
| Group: C | Bottle Type: | P-125ML        | # of Bottles: 2 | Preservative: | FILTER-ICE    | Enter Number of Bottles Sent to Lab | 0 |
|          | W-PO4-F      |                |                 |               |               |                                     |   |
| Group: D | Bottle Type: | P-1L           | # of Bottles: 1 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab | 0 |
|          | ALKALINITY   |                |                 |               |               |                                     |   |
|          | TURBIDITY    |                |                 |               |               |                                     |   |
|          | W-CL-IC      |                |                 |               |               |                                     |   |
|          | W-COLOR      |                |                 |               |               |                                     |   |
|          | W-F          |                |                 |               |               |                                     |   |
|          | W-SO4-IC     |                |                 |               |               |                                     |   |
|          | W-TDS        |                |                 |               |               |                                     |   |
|          | W-TSS        |                |                 |               |               |                                     |   |
| Group: D | Bottle Type: | P-500ML        | # of Bottles: 1 | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 0 |
|          | W-NH3        |                |                 |               |               |                                     |   |
|          | W-NO2NO3     |                |                 |               |               |                                     |   |
|          | W-S-A-TP     |                |                 |               |               |                                     |   |

|          |              |         |                 |                             |                                     |   |
|----------|--------------|---------|-----------------|-----------------------------|-------------------------------------|---|
| Group: D | Bottle Type: | P-500ML | # of Bottles: 1 | Preservative: ICE And H2SO4 | Enter Number of Bottles Sent to Lab | 0 |
|          | W-TKN        |         |                 |                             |                                     |   |
|          | W-TOC        |         |                 |                             |                                     |   |

|          |              |         |                 |                          |                                     |   |
|----------|--------------|---------|-----------------|--------------------------|-------------------------------------|---|
| Group: D | Bottle Type: | P-125ML | # of Bottles: 1 | Preservative: FILTER-ICE | Enter Number of Bottles Sent to Lab | 0 |
|          | W-PO4-F      |         |                 |                          |                                     |   |

Date of Request: 02-JUL-2018  
 Created By: MUSSON\_C On: 02-JUL-2018  
 Modified By: SWANSON\_C On: 03-JUL-2018  
 Customer: WAS-SECT  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District:  
 Sampling Event: Alligator Creek

**Send Coolers To:**

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

**Program Module Number:**

Priority: 3  
 Event Status: R  
 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: 26-JUL-2018  
 Sampling Kit Shipped: YES On: 31-JUL-2018  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: YES  
 Date to Receive Samples: 01-AUG-2018  
 Received By: SHAIK\_A On: 20-AUG-2018

**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: Nutrients, Metals, PCR, Pesticides, E.coli  
 Alligator Creek US of SR273

Group B: Nutrients, PCR, Tracers, E.coli  
 WBIDs 123 (x2), 195, 233A, 235, 262A)

Group C: Nutrients, E.coli  
 WBID 130 Sample and DUP

Group D: Nutrients  
 Field Blank

Packing Notes  
 No FedEx labels  
 No Trash bags

1 - case of sulfuric acid  
 1 - case of nitric acid  
 2 - sets of sulfuric acid labels  
 2 - sets of nitric acid labels

**Bottle Group A (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 CaCO <sub>3</sub> /L                             |
| TURBIDITY             | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                   |
| W-CL-IC               | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                    |
| W-COLOR               | Template: DEFAULT    | (SM 2120 B) True Color measured at 450 nm                                                            |
| Color (true)          |                      |                                                                                                      |
| W-F                   | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-SO <sub>4</sub> -IC | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                     |
| W-TDS                 | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                            |
| W-TSS                 | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample        |
| Bottle Type: P-125ML  | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                                           |

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

|                             |                      |                                                                                                                                                |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                       |
| Bottle Type: BG-1L          | Number of Bottles: 4 | 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: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                   |
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| ECOLI-18QT                  | Template: DEFAULT    | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems                                       |
| Bottle Type: QPCR-P-500ML   | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| PCR-BACR                    | Template: DEFAULT    | (SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction  |
| PCR-HF183                   | Template: DEFAULT    | (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction      |
| Bottle Type: BG-500ML       | Number of Bottles: 1 | Preserved With: CH2CICOOH Pre-Preserved                                                                                                        |
| W-CARB-AA                   | Template: DEFAULT    | (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS                                                                                         |
| Bottle Type: BG-500ML       | Number of Bottles: 4 | 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: 1 | Preserved With: ICE                                                                                                                            |
| W-E8321-DI                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| W-E8321-MS                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| Bottle Type: P-500ML        | Number of Bottles: 1 | 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 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 Group B (Water) With 6 Samples:**

|                   |                      |                                                                                                      |
|-------------------|----------------------|------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 6 | Preserved With: ICE                                                                                  |
| ALKALINITY        | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg 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                                            |

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

|                             |                      |                                                                                                                                               |
|-----------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 6 | Preserved With: ICE                                                                                                                           |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                 |
| Bottle Type: BP-1L          | Number of Bottles: 6 | Preserved With: ICE                                                                                                                           |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                  |
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 6 | Preserved With: ICE                                                                                                                           |
| ECOLI-18QT                  | Template: DEFAULT    | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems                                      |
| Bottle Type: QPCR-P-500ML   | Number of Bottles: 6 | Preserved With: ICE                                                                                                                           |
| PCR-BACR                    | Template: DEFAULT    | (SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction |
| PCR-HF183                   | Template: DEFAULT    | (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction     |
| Bottle Type: BG-500ML       | Number of Bottles: 6 | Preserved With: ICE                                                                                                                           |
| W-E8321-DI                  | Template:            | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                       |
| W-E8321-MS                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                       |
| Bottle Type: P-500ML        | Number of Bottles: 6 | 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: 6 | 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 C (Water) With 2 Samples:**

|                             |                      |                                                                                                              |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L                                                  |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| W-CL-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                            |
| W-COLOR                     | Template: DEFAULT    | (SM 2120 B) True Color measured at 450 nm                                                                    |
| Color (true)                |                      |                                                                                                              |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)         |
| W-SO4-IC                    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |
| W-TDS                       | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                                    |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                |
| Bottle Type: BP-1L          | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Bottle Type: P-250ML-WO-THI | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| ECOLI-18QT                  | Template: DEFAULT    | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems     |
| Bottle Type: P-500ML        | Number of Bottles: 2 | Preserved With: ICE And H2SO4                                                                                |
| W-NH3                       | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |
| W-NO2NO3                    | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                           |
| W-S-A-TP                    | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                          |
| W-TKN                       | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                             |
| W-TOC                       | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                                               |
| Bottle Type: P-125ML        | Number of Bottles: 2 | Preserved With: FILTER-ICE                                                                                   |
| W-PO4-F                     | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                     |

**Bottle Group D (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) |

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

|                      |                   |                                                                                               |                               |
|----------------------|-------------------|-----------------------------------------------------------------------------------------------|-------------------------------|
| Bottle Type: P-1L    |                   | Number of Bottles: 1                                                                          | Preserved With: ICE           |
| 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      |                               |

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

Cooler Packing Worksheet for Request: RQ-2018-07-30-18

Alligator Creek

Ship Cooler On: 7/26/2018

Customer/Project: WAS-SECT/SMP

Assigned To: REYNOLDS\_T

Requester: Curtis Musson

Priority: 3

850-245-8453

2600 Blair Stone Rd

Tallahassee, FL 32399

Attn: Curtis Musson



Comments:

Group A: Nutrients, Metals, PCR, Pesticides, E.coli  
Alligator Creek US of SR273

Group B: Nutrients, PCR, Tracers, E.coli  
WBIDs 123 (x2), 195, 233A, 235, 262A)

Group C: Nutrients, E.coli  
WBID 130 Sample and DUP

Group D: Nutrients  
Field Blank

Packing Notes  
No FedEx labels  
No Trash bags

1 - case of sulfuric acid  
1 - case of nitric acid  
2 - sets of sulfuric acid labels  
2 - sets of nitric acid labels

Requested Analyses:

**Bottle Group: A**

**# of Sites: 1**

Container ID: P-1L

Qty: 1      Preservation: ICE

Lot # 10071233

Description: Plastic Bottle 1L

**Analysis**

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

**Description**

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

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

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

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

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot # 1221957

Description: Brown Plastic Bottle 1L

Analysis  
CHLSUITE-W

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

Container ID: P-250ML-WO-THI

Qty: 1 Preservation: ICE

Lot # 618038

Description: 250 ml Sterilized no tablet

Analysis  
ECOLI-18QT

Description  
Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Container ID: QPCR-P-500ML

Qty: 1 Preservation: ICE

Lot # 60070587

Description: 500ml Sterile Nalgene

Affix PCR Instruction Label to container

Analysis  
PCR-BACR  
PCR-HF183

Description  
Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction  
Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Container ID: BG-500ML

Qty: 1 Preservation: CH<sub>2</sub>ClCOOH Pre-Preserved

Lot # 60071185

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis  
W-CARB-AA

Description  
Carbamates in water matrices by HPLC/MS/MS

Container ID: BG-500ML

Qty: 4 Preservation: ICE

Lot # 60071185

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis  
W-CT-CI-R  
W-PCL-SQ-R

Description  
Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization  
Organochlorine pesticides in water matrices by GC/MS-SIM

Container ID: BG-500ML

Qty: 1 Preservation: ICE

Lot # 60071185

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

Description

W-E8321-DI  
W-E8321-MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS  
Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 1 Preservation: HNO3

Lot # 00071230

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP

W-ICPMS

Description

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

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 # 00071266

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Container ID: BG-1L

Qty: 4 Preservation: ICE

Lot # 00070613

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-PSNP-TQ

Description

Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS

Bottle Group: B

# of Sites: 6

Container ID: P-1L

Qty: 6 Preservation: ICE

Lot # 00071233

Description: Plastic Bottle 1L

Analysis

Description

|            |                                                                                     |
|------------|-------------------------------------------------------------------------------------|
| ALKALINITY | Alkalinity in aqueous matrices as mg CaCO3/L                                        |
| TURBIDITY  | 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: BP-1L

Qty: 6 Preservation: ICE

Lot # 1221957

Description: Brown Plastic Bottle 1L

**Analysis**

CHLSUITE-W

**Description**

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

Container ID: P-250ML-WO-THI

Qty: 6 Preservation: ICE

Lot # 618038

Description: 250 ml Sterilized no tablet

**Analysis**

ECOLI-18QT

**Description**

Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Container ID: QPCR-P-500ML

Qty: 6 Preservation: ICE

Lot # 00070587

Description: 500ml Sterile Nalgene

Affix PCR Instruction Label to container

**Analysis**

PCR-BACR

PCR-HF183

**Description**

Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction

Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Container ID: BG-500ML

Qty: 6 Preservation: ICE

Lot # 00071185

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

**Analysis**

W-E8321-DI

W-E8321-MS

**Description**

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 6 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: 6 Preservation: FILTER-ICE

Lot # 00071266

Description: Plastic Bottle 125 mL

**Analysis**

W-PO4-F

**Description**

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

**Bottle Group: C**

**# of Sites: 2**

Container ID: P-1L

Qty: 2 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 CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

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

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

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

Container ID: BP-1L

Qty: 2 Preservation: ICE

Lot # 1221957

Description: Brown Plastic Bottle 1L

**Analysis**

CHLSUITE-W

**Description**

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

Container ID: P-250ML-WO-THI

Qty: 2 Preservation: ICE

Lot # 118038

Description: 250 ml Sterilized no tablet

Analysis

ECOLI-18QT

Description

Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Container ID: P-500ML

Qty: 2 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: 2 Preservation: FILTER-ICE

Lot # 00071266

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Bottle Group: D

# of Sites: 1

Container ID: P-1L

Qty: 1 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 CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

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

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

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

Container ID: P-500ML

Qty: 1 Preservation: ICE And H2SO4

Lot # 60071230

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 # 00071266

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Cooler Packed By: Tyler R.

Number of Coolers: 5

Date: 07/27/18

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 <u>sulfuric acid</u> | Exp <u>04/11/19</u> | Lot # <u>8101020</u> |
| ID <u>nitric acid</u>   | Exp <u>03/21/19</u> | Lot # <u>8080070</u> |
| ID _____                | Exp _____           | Lot # _____          |
| ID _____                | Exp _____           | Lot # _____          |
| ID _____                | Exp _____           | Lot # _____          |

**PLEASE RETURN ALL COOLERS FOR RQ-2018-07-30-18**