

Date of Request: 19-AUG-2019  
 Created By: MUSSON\_C On: 19-AUG-2019  
 Modified By: MUSSON\_C On: 19-AUG-2019  
 Customer: WAS-SECT  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District:  
 Sampling Event: Group 2

**Send Coolers To:**

Phone: 850-245-8453  
 2600 Blair Stone Rd

Tallahassee, FL 32399  
 Attn: Curtis Musson

Program Module Number:  
 Priority: 3  
 Event Status: P  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By:  
 Biology Request Reviewed By:

**Send Final Report To:**

2600 Blair Stone Rd

Tallahassee, FL 32399  
 Attn: Curtis Musson

Sampling Kit Required: YES Ship on: 02-SEP-2019  
 Sampling Kit Shipped:  
 Sampling Kit Packed By:  
 Preservatives Needed: YES  
 Date to Receive Samples: 18-SEP-2019  
 Received By:

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

Comments: Group A: Nutrients, Metals, E. coli x2  
 WBIDs 1075, 512 Stone & Willson Mill Creeks

Group B: Nutrients E. coli  
 WBID 1154 Big Branch

Group C: E. coli  
 WBID 885, Coon Creek

Packing Notes:  
 No FedEx Labels  
 No Trash Bags  
 1 ca H2SO4

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

| Bottle Type:                                                            | Number of Bottles: | Preserved With:                                                                                              |
|-------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------|
| ALKALINITY<br>Total Alkalinity                                          | Template: DEFAULT  | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L                                                  |
| CHLSUITE-W                                                              | Template: DEFAULT  | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Chlorophyll-a, Corrected<br>Chlorophyll-a, Uncorrected<br>Phaeophytin-a |                    |                                                                                                              |
| ECOLI-18QT                                                              | Template: DEFAULT  | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems     |
| Escherichia Coli-Quanti-Tray                                            |                    |                                                                                                              |
| TURBIDITY<br>Turbidity                                                  | Template: DEFAULT  | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| W-CL-IC<br>Chloride                                                     | Template: DEFAULT  | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                            |
| W-COLOR<br>Color (true)                                                 | Template: DEFAULT  | (SM 2120 B) True Color measured at 450 nm                                                                    |
| W-F                                                                     | Template: DEFAULT  | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)         |

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

| Bottle Type:      | Number of Bottles: | Preserved With:                                                                                                                                |
|-------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| W-F               | Template: DEFAULT  | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                           |
| Fluoride          |                    |                                                                                                                                                |
| W-ICP             | Template:          | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium            |                    |                                                                                                                                                |
| Calcium           |                    |                                                                                                                                                |
| Iron              |                    |                                                                                                                                                |
| Magnesium         |                    |                                                                                                                                                |
| Potassium         |                    |                                                                                                                                                |
| Sodium            |                    |                                                                                                                                                |
| Zinc              |                    |                                                                                                                                                |
| W-ICPMS           | Template:          | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Boron            |                    |                                                                                                                                                |
| Aluminum          |                    |                                                                                                                                                |
| Antimony          |                    |                                                                                                                                                |
| Arsenic           |                    |                                                                                                                                                |
| Cadmium           |                    |                                                                                                                                                |
| Chromium          |                    |                                                                                                                                                |
| Copper            |                    |                                                                                                                                                |
| Lead              |                    |                                                                                                                                                |
| Nickel            |                    |                                                                                                                                                |
| Selenium          |                    |                                                                                                                                                |
| Silver            |                    |                                                                                                                                                |
| Thallium          |                    |                                                                                                                                                |
| W-NH3             | Template: DEFAULT  | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                                                     |
| Ammonia-N         |                    |                                                                                                                                                |
| W-NO2NO3          | Template: DEFAULT  | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                                                             |
| NO2NO3-N          |                    |                                                                                                                                                |
| W-PO4-F           | Template: DEFAULT  | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                                                       |
| O-Phosphate-P     |                    |                                                                                                                                                |
| W-S-A-TP          | Template: DEFAULT  | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                                                            |
| Total-P           |                    |                                                                                                                                                |
| W-SO4-IC          | Template: DEFAULT  | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                               |
| Sulfate           |                    |                                                                                                                                                |
| W-TDS             | Template: DEFAULT  | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                                                                      |
| TDS               |                    |                                                                                                                                                |
| W-TKN             | Template: DEFAULT  | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                                                               |
| Kjeldahl Nitrogen |                    |                                                                                                                                                |
| W-TOC             | Template: DEFAULT  | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                                                                                 |
| Organic Carbon    |                    |                                                                                                                                                |
| W-TSS             | Template: DEFAULT  | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                  |
| TSS               |                    |                                                                                                                                                |

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

| Bottle Type:                 | Number of Bottles: | Preserved With:                                                                                              |
|------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------|
| ALKALINITY                   | Template: DEFAULT  | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L                                                  |
| Total Alkalinity             |                    |                                                                                                              |
| CHLSUITE-W                   | Template: DEFAULT  | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Chlorophyll-a, Corrected     |                    |                                                                                                              |
| Chlorophyll-a, Uncorrected   |                    |                                                                                                              |
| Phaeophytin-a                |                    |                                                                                                              |
| ECOLI-18QT                   | Template: DEFAULT  | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems     |
| Escherichia Coli-Quanti-Tray |                    |                                                                                                              |
| TURBIDITY                    | Template: DEFAULT  | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| Turbidity                    |                    |                                                                                                              |
| W-CL-IC                      | Template: DEFAULT  | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                            |

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

| Bottle Type:               | Number of Bottles: | Preserved With:                                                                                      |
|----------------------------|--------------------|------------------------------------------------------------------------------------------------------|
| W-CL-IC<br>Chloride        | Template: DEFAULT  | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                    |
| W-COLOR<br>Color (true)    | Template: DEFAULT  | (SM 2120 B) True Color measured at 450 nm                                                            |
| W-F<br>Fluoride            | Template: DEFAULT  | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-NH3<br>Ammonia-N         | Template: DEFAULT  | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                           |
| W-NO2NO3<br>NO2NO3-N       | Template: DEFAULT  | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                   |
| W-PO4-F<br>O-Phosphate-P   | Template: DEFAULT  | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L             |
| W-S-A-TP<br>Total-P        | Template: DEFAULT  | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                  |
| W-SO4-IC<br>Sulfate        | Template: DEFAULT  | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                     |
| W-TDS<br>TDS               | Template: DEFAULT  | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                            |
| W-TKN<br>Kjeldahl Nitrogen | Template: DEFAULT  | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                     |
| W-TOC<br>Organic Carbon    | Template: DEFAULT  | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                                       |
| W-TSS<br>TSS               | Template: DEFAULT  | (SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample        |

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

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

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