

Date of Request: 30-DEC-2019  
 Created By: MUSSON\_C On: 30-DEC-2019  
 Modified By: MUSSON\_C On: 31-MAR-2020  
 Customer: WAS-SECT  
 Project: BMAP  
 Division:  
 District:  
 Sampling Event: Merrit's Mill Pond BMAP

**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:  
 Sampling Kit Required: YES Ship on: 25-MAY-2020  
 Sampling Kit Shipped:  
 Sampling Kit Packed By:  
 Preservatives Needed: NO  
 Date to Receive Samples: 10-JUN-2020  
 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: Nutrients, Metals x4  
 Group B: Algal\_ID x1

Packing Notes:  
 No Fedex Labels  
 No Trash Bags

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

| Bottle Type:                                                                          | Number of Bottles: | Preserved With:                                                                                                                                |
|---------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| ALKALINITY<br>Total Alkalinity                                                        | Template: DEFAULT  | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                                                     |
| CHLSUITE-W<br>Chlorophyll-a, Corrected<br>Chlorophyll-a, Uncorrected<br>Phaeophytin-a | Template: DEFAULT  | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                   |
| 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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                                                                |
| W-F<br>Fluoride                                                                       | Template: DEFAULT  | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                         |
| W-HARD<br>Hardness                                                                    | Template: DEFAULT  | (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO <sub>3</sub>                                                    |
| W-ICP<br>Barium<br>Calcium<br>Iron<br>Magnesium<br>Potassium                          | Template:          | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |

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

|                                                                                                                                |                    |                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type:                                                                                                                   | Number of Bottles: | Preserved With:                                                                                                                                |
| 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 |
| Sodium<br>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<br>Aluminum<br>Antimony<br>Arsenic<br>Cadmium<br>Chromium<br>Copper<br>Lead<br>Nickel<br>Selenium<br>Silver<br>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-2011) 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-2011) Nonpurgeable Organic Carbon in aqueous matrices                                                                               |
| Organic Carbon                                                                                                                 |                    |                                                                                                                                                |
| W-TSS                                                                                                                          | Template: DEFAULT  | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                |
| TSS                                                                                                                            |                    |                                                                                                                                                |

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

|                        |                    |                                                                        |
|------------------------|--------------------|------------------------------------------------------------------------|
| Bottle Type:           | Number of Bottles: | Preserved With:                                                        |
| ALGAL_ID               | Template: DEFAULT  | (SOP-AB05) Qualitative assessment of algal taxa present without counts |
| *Dominant sample taxon |                    |                                                                        |

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