

Date of Request: 22-FEB-2016  
 Created By: RALYS\_B On: 22-FEB-2016  
 Modified By: SWANSON\_C On: 22-FEB-2016  
 Customer: WQAP  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District:  
 Sampling Event: East River, Moriah Creek, Wakulla River and St. Marks River

**Send Coolers To:**

Phone: 850-245-8443  
 2600 Blair Stone Rd  
 MS #3560  
 Tallahassee, FL 32399-2400  
 Attn: Ben Ralys

Program Module Number:  
 Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 22-FEB-2016  
 Biology Request Reviewed By: SWANSON\_C On: 22-FEB-2016  
 Sampling Kit Required: YES Ship on: 26-FEB-2016  
 Sampling Kit Shipped: YES On: 26-FEB-2016  
 Sampling Kit Packed By: KITCHEN\_S  
 Preservatives Needed: YES  
 Date to Receive Samples: 08-MAR-2016  
 Received By: KITCHEN\_S On: 08-MAR-2016

**Send Final Report To:**

2600 Blair Stone Rd  
 MS #3560  
 Tallahassee, FL 32399-2400  
 Attn: Ben Ralys

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

Comments: 1 - case of Nitric Acid  
 1 - case of Sulfuric Acid

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

|                                 |                      |                                                                                                                    |
|---------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L               | Number of Bottles: 4 | Preserved With: ICE                                                                                                |
| ALKALINITY                      | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L                                                        |
| Total Alkalinity                |                      |                                                                                                                    |
| TURBIDITY                       | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                 |
| Turbidity                       |                      |                                                                                                                    |
| W-F                             | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)               |
| Fluoride                        |                      |                                                                                                                    |
| W-TSS                           | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices                                                          |
| TSS                             |                      |                                                                                                                    |
| Bottle Type: P-1L               | Number of Bottles: 4 | Preserved With: ICE                                                                                                |
| BOD-UNIN                        | Template: DEFAULT    | (SM 5210 B) BOD, NOT nitrogen-inhibited                                                                            |
| Biochemical Oxygen Demand-5 Day |                      |                                                                                                                    |
| Bottle Type: BP-1L              | Number of Bottles: 4 | Preserved With: ICE                                                                                                |
| CHLSUITE-W                      | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry |
| Chlorophyll/Phaeophytin Ratio   |                      |                                                                                                                    |
| Chlorophyll-a, Corrected        |                      |                                                                                                                    |
| Chlorophyll-a, Uncorrected      |                      |                                                                                                                    |
| Phaeophytin-a                   |                      |                                                                                                                    |
| Bottle Type: P-500ML            | Number of Bottles: 4 | Preserved With: ICE And H2SO4                                                                                      |
| 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-S-A-TP                        | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                                |
| Total-P                         |                      |                                                                                                                    |
| W-TKN                           | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                                   |
| Kjeldahl Nitrogen               |                      |                                                                                                                    |

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

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 4 | Preserved With: ICE And H2SO4                                                            |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                           |
| Organic Carbon       |                      |                                                                                          |
| Bottle Type: P-125ML | Number of Bottles: 4 | Preserved With: ICE-FLTR                                                                 |
| 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        |                      |                                                                                          |

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

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-125ML | Number of Bottles: 3 | Preserved With: ICE-FLTR                                                                 |
| 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        |                      |                                                                                          |

|                   |                      |                                                                                                      |
|-------------------|----------------------|------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 3 | Preserved With: ICE                                                                                  |
| ALKALINITY        | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L                                          |
| Total Alkalinity  |                      |                                                                                                      |
| 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                                                    |
| Chloride          |                      |                                                                                                      |
| 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) |
| Fluoride          |                      |                                                                                                      |
| W-NO2             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite in aqueous matrices as mg N/L                                           |
| Nitrite-N         |                      |                                                                                                      |
| W-TDS             | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                            |
| TDS               |                      |                                                                                                      |
| W-TSS             | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices                                            |
| TSS               |                      |                                                                                                      |

|                                 |                      |                                         |
|---------------------------------|----------------------|-----------------------------------------|
| Bottle Type: P-1L               | Number of Bottles: 3 | Preserved With: ICE                     |
| BOD-UNIN                        | Template: DEFAULT    | (SM 5210 B) BOD, NOT nitrogen-inhibited |
| Biochemical Oxygen Demand-5 Day |                      |                                         |

|                               |                      |                                                                                                                    |
|-------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L            | Number of Bottles: 3 | Preserved With: ICE                                                                                                |
| CHLSUITE-W                    | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry |
| Chlorophyll/Phaeophytin Ratio |                      |                                                                                                                    |
| Chlorophyll-a, Corrected      |                      |                                                                                                                    |
| Chlorophyll-a, Uncorrected    |                      |                                                                                                                    |
| Phaeophytin-a                 |                      |                                                                                                                    |

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 3 | Preserved With: ICE And H2SO4                                       |
| 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-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L |
| Total-P              |                      |                                                                     |
| 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       |                      |                                                                     |