

Date of Request: 09-AUG-2021  
 Created By: PARRISH\_J On: 09-AUG-2021  
 Modified By: PARRISH\_J On: 16-AUG-2021  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Event Description: Suwannee Spring

**Send Coolers To:**

Phone: 904-256-1700  
 8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish  
 Cooler Ship EMail: Jeremy.M.Parrish@floridadep.gov

Priority: 3  
 Event Status: P  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By:  
 Biology Request Reviewed By:  
 Sampling Kit Required: YES Ship on: 13-SEP-2021  
 Sampling Kit Shipped:  
 Sampling Kit Packed By:  
 Preservatives Needed: NO  
 Date to Receive Samples: 27-SEP-2021  
 Logged In By:

**Send Final Report To:**

8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish  
 Report Notification EMail: Jeremy.M.Parrish@floridadep.gov

Comments: Group A: (Surf-fresh)Nutrients, Metal, W-CT-CLR  
 Group B: (Surf fresh)W-CT-CLR, Bacteria  
 Group C:(Surf.fresh) Nutrient

NE-ALS-ECQ

Packing Notes:

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

| Bottle Type:                                                                          | Number of Bottles: | Preserved With:                                                                                              |
|---------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------|
| ALKALINITY<br>Total Alkalinity                                                        | Template: DEFAULT  | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/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-CT-CI-R<br>Chlordane<br>Toxaphene                                                   | Template: DEFAULT  | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization            |
| W-F<br>Fluoride                                                                       | Template: DEFAULT  | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)       |

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

| Bottle Type:                                                                                                                                           | Number of Bottles: | Preserved With:                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 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>Manganese<br>Potassium<br>Sodium<br>Zinc                                                            | Template:          | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| W-ICPMS<br>*Boron<br>Aluminum<br>Antimony<br>Arsenic<br>Beryllium<br>Cadmium<br>Chromium<br>Copper<br>Lead<br>Nickel<br>Selenium<br>Silver<br>Thallium | Template:          | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| 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-2011) 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-2011) Nonpurgeable Organic Carbon in aqueous matrices                                                                               |
| W-TSS<br>TSS                                                                                                                                           | Template: DEFAULT  | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                |

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

| Bottle Type:                               | Number of Bottles: | Preserved With:                                                                                   |
|--------------------------------------------|--------------------|---------------------------------------------------------------------------------------------------|
| NE-ALS-ECQ<br>Escherichia Coli-Quanti-Tray | Template: DEFAULT  | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville                             |
| W-CT-CI-R<br>Chlordane<br>Toxaphene        | Template: DEFAULT  | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization |

**Bottle Group C (Water) With 1 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                     | Template: DEFAULT  | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |

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

| Bottle Type:               | Number of Bottles: | Preserved With:                                                                                              |
|----------------------------|--------------------|--------------------------------------------------------------------------------------------------------------|
| 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              |                    |                                                                                                              |
| 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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                              |
| Color (true)               |                    |                                                                                                              |
| W-F                        | Template: DEFAULT  | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)       |
| Fluoride                   |                    |                                                                                                              |
| 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                        |                    |                                                                                                              |

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