

Date of Request: 05-AUG-2020  
 Created By: PARRISH\_J On: 05-AUG-2020  
 Modified By: PARRISH\_J On: 05-AUG-2020  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Event Description: Nassauwannee Lakes

**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@dep.state.fl.us

Priority: 3  
 Event Status: P  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By:  
 Biology Request Reviewed By:  
 Sampling Kit Required: YES Ship on: 17-AUG-2020  
 Sampling Kit Shipped:  
 Sampling Kit Packed By:  
 Preservatives Needed: NO  
 Date to Receive Samples: 31-AUG-2020  
 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@dep.state.fl.us

Comments: Group A: (Surf.Fresh) Nutrients, Metals  
 Group B:(Blank) Nutrients, metals  
 Packing Notes:  
 None

**Bottle Group A (Water) With 2 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 2 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 (Water) With 1 Samples:**

| Bottle Type:                                                  | Number of Bottles: | Preserved With:                                                                                                                                |
|---------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| ALKALINITY                                                    | Template: DEFAULT  | (SM 2320 B-2011) 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-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-HARD                                                        | Template: DEFAULT  | (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                                                                |
| Hardness                                                      |                    |                                                                                                                                                |
| 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<br>Calcium<br>Iron<br>Magnesium<br>Potassium<br>Sodium |                    |                                                                                                                                                |

**Bottle Group B (Water) With 1 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 |
| 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-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.