

Date of Request: 26-MAR-2020  
 Created By: PARRISH\_J On: 26-MAR-2020  
 Modified By: PARRISH\_J On: 26-MAR-2020  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Sampling Event: Melrose Lakes

**Send Coolers To:**

Phone: 904-256-1693  
 8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish

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

**Send Final Report To:**

8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish

Sampling Kit Required: YES Ship on: 06-APR-2020  
 Sampling Kit Shipped:  
 Sampling Kit Packed By:  
 Preservatives Needed: NO  
 Date to Receive Samples: 20-APR-2020  
 Received By:

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

Comments: Group A:(Surf.Fresh) Nutrients, Metals  
 Group B:(Surf.Fresh) Nutrients

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                                       | 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 |
| 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-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 2 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           |                    |                                                                                                              |
| 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                   |                    |                                                                                                              |

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

| Bottle Type:               | Number of Bottles: | Preserved With:                                                                                 |
|----------------------------|--------------------|-------------------------------------------------------------------------------------------------|
| 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 |

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