

Date of Request: 06-AUG-2018  
 Created By: PARRISH\_J On: 06-AUG-2018  
 Modified By: SWANSON\_C On: 24-AUG-2018  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Resource Assessment and Management  
 District: Northeast District  
 Sampling Event: Melrose lakes

**Send Coolers To:**

Phone: 904-256-1700  
 8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256-7577  
 Attn: Jeremy Parrish

Program Module Number:  
 Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 23-AUG-2018  
 Biology Request Reviewed By: SWANSON\_C On: 24-AUG-2018  
 Sampling Kit Required: YES Ship on: 31-AUG-2018  
 Sampling Kit Shipped: YES On: 28-AUG-2018  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: NO  
 Date to Receive Samples: 10-SEP-2018  
 Received By: GREENWOO\_J On: 21-SEP-2018

**Send Final Report To:**

8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256-7577  
 Attn: Jeremy Parrish

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

Comments: Group A: Freshwater Kit, No Metals  
 Group B: Freshwater Kit With Metals

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

|                              |                      |                                                                                                                         |
|------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L            | Number of Bottles: 2 | Preserved With: ICE                                                                                                     |
| ALKALINITY                   | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /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-SO4-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                        |
| Sulfate                      |                      |                                                                                                                         |
| 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 using a maximum of 250 mL of sample                           |
| TSS                          |                      |                                                                                                                         |
| Bottle Type: BP-1L           | Number of Bottles: 2 | Preserved With: ICE                                                                                                     |
| 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                |                      |                                                                                                                         |
| Bottle Type: P-250ML-WI-THI  | Number of Bottles: 2 | Preserved With: ICE                                                                                                     |
| NE-ALS-ECQ                   | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville |
| Escherichia Coli-Quanti-Tray |                      |                                                                                                                         |

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

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | 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       |                      |                                                                                          |
| Bottle Type: P-125ML | Number of Bottles: 2 | Preserved With: FILTER-ICE                                                               |
| 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-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               |                      |                                                                                                                                                |
| Bottle Type: P-125ML         | Number of Bottles: 3 | Preserved With: FILTER-ICE                                                                                                                     |
| 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-SO4-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                               |
| Sulfate                      |                      |                                                                                                                                                |
| 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 using a maximum of 250 mL of sample                                                  |
| TSS                          |                      |                                                                                                                                                |
| Bottle Type: BP-1L           | Number of Bottles: 3 | Preserved With: ICE                                                                                                                            |
| 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                |                      |                                                                                                                                                |
| Bottle Type: P-250ML-WI-THI  | Number of Bottles: 3 | Preserved With: ICE                                                                                                                            |
| NE-ALS-ECQ                   | Template: DEFAULT    | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert Quanti-Tray method by ALS Environmental Laboratory in Jacksonville                        |
| Escherichia Coli-Quanti-Tray |                      |                                                                                                                                                |
| Bottle Type: P-500ML         | Number of Bottles: 3 | Preserved With: HNO3                                                                                                                           |
| 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 |

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

Bottle Type: P-500ML

Number of Bottles: 3

Preserved With: HNO3

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

Calcium

Chromium

Iron

Magnesium

Nickel

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

Arsenic

Cadmium

Copper

Lead

Silver