

Date of Request: 08-AUG-2018  
 Created By: PARRISH\_J On: 08-AUG-2018  
 Modified By: SWANSON\_C On: 04-SEP-2018  
 Customer: NE-DIST  
 Project: SMP  
 Division:  
 District: Northeast District  
 Sampling Event: LSJR East

**Send Coolers To:**

Phone: 904-256-1700  
 8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256-7577  
 Attn: Jeremy.M.Parrish@dep.state.fl.us

Program Module Number:  
 Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 29-AUG-2018  
 Biology Request Reviewed By: SWANSON\_C On: 04-SEP-2018  
 Sampling Kit Required: YES Ship on: 07-SEP-2018  
 Sampling Kit Shipped: YES On: 04-SEP-2018  
 Sampling Kit Packed By: REAVES\_S  
 Preservatives Needed: NO  
 Date to Receive Samples: 17-SEP-2018  
 Received By: GREENWOO\_J On: 18-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:

**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 Type: QPCR-P-500ML    | Number of Bottles: 2    | Preserved With: ICE                                                                             |

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

|                              |                      |                                                                                          |
|------------------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: QPCR-P-500ML    | Number of Bottles: 2 | Preserved With: ICE                                                                      |
| PCR-FILTER                   | Template: DEFAULT    | (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis            |
| *HF183 - Human Source Marker |                      |                                                                                          |
| Bottle Type: BG-500ML        | Number of Bottles: 2 | Preserved With: ICE                                                                      |
| W-E8321-DI                   | Template:            | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS  |
| *Acesulfame K                |                      |                                                                                          |
| *Sucralose                   |                      |                                                                                          |
| W-E8321-MS                   | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS  |
| *Acetaminophen               |                      |                                                                                          |
| *Carbamazepine               |                      |                                                                                          |
| *Fluridone                   |                      |                                                                                          |
| *Hydrocodone                 |                      |                                                                                          |
| *Ibuprofen                   |                      |                                                                                          |
| *Imazapyr                    |                      |                                                                                          |
| *Naproxen                    |                      |                                                                                          |
| *Primidone                   |                      |                                                                                          |
| *Pyraclostrobin              |                      |                                                                                          |
| *Triclopyr                   |                      |                                                                                          |
| 2,4-D                        |                      |                                                                                          |
| Bentazon                     |                      |                                                                                          |
| Diuron                       |                      |                                                                                          |
| Fenuron                      |                      |                                                                                          |
| Imidacloprid                 |                      |                                                                                          |
| Linuron                      |                      |                                                                                          |
| MCP                          |                      |                                                                                          |
| 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 2 Samples:**

|                       |                      |                                                                                         |
|-----------------------|----------------------|-----------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML | Number of Bottles: 2 | Preserved With: ICE                                                                     |
| W-E8321-DI            | Template:            | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |
| *Acesulfame K         |                      |                                                                                         |
| *Sucralose            |                      |                                                                                         |
| W-E8321-MS            | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |
| *Acetaminophen        |                      |                                                                                         |
| *Carbamazepine        |                      |                                                                                         |
| *Fluridone            |                      |                                                                                         |
| *Hydrocodone          |                      |                                                                                         |
| *Ibuprofen            |                      |                                                                                         |
| *Imazapyr             |                      |                                                                                         |
| *Naproxen             |                      |                                                                                         |
| *Primidone            |                      |                                                                                         |
| *Pyraclostrobin       |                      |                                                                                         |
| *Triclopyr            |                      |                                                                                         |
| 2,4-D                 |                      |                                                                                         |
| Bentazon              |                      |                                                                                         |
| Diuron                |                      |                                                                                         |
| Fenuron               |                      |                                                                                         |
| Imidacloprid          |                      |                                                                                         |

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

|                              |                      |                                                                                                                         |
|------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML        | Number of Bottles: 2 | Preserved With: ICE                                                                                                     |
| W-E8321-MS                   | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                 |
| Linuron                      |                      |                                                                                                                         |
| MCP                          |                      |                                                                                                                         |
| 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 Type: QPCR-P-500ML    | Number of Bottles: 2 | Preserved With: ICE                                                                                                     |
| PCR-FILTER                   | Template: DEFAULT    | (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis                                           |
| *HF183 - Human Source Marker |                      |                                                                                                                         |

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

|                   |                      |                                                             |
|-------------------|----------------------|-------------------------------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 1 | 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          |

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

|                      |                      |                                                                                                                                                |
|----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L    | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| 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: P-500ML | Number of Bottles: 1 | 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               |                      |                                                                                                                                                |
| Bottle Type: P-500ML | Number of Bottles: 1 | 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: 1 | 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        |                      |                                                                                                                                                |

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