

Date of Request: 10-FEB-2017  
 Created By: PARRISH\_J On: 10-FEB-2017  
 Modified By: MATTHEWS\_D On: 14-MAR-2017  
 Customer: NE-DIST  
 Project: SMP  
 Division:  
 District: Northeast District  
 Sampling Event: 3678,3699 SCI's

**Send Coolers To:**

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

**Send Final Report To:**

8800 Baymeadows Way West  
  
 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: 10-MAR-2017  
 Biology Request Reviewed By: MATTHEWS\_D On: 14-MAR-2017  
 Sampling Kit Required: YES Ship on: 21-MAR-2017  
 Sampling Kit Shipped: YES On: 21-MAR-2017  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 03-APR-2017  
 Received By: REYNOLDS\_T On: 12-APR-2017

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

Comments:

**Bottle Group A (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                                                                 |
| 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                                                          |
| TSS                           |                      |                                                                                                                    |
| Bottle Type: BP-1L            | Number of Bottles: 1 | Preserved With: ICE                                                                                                |
| CHLSUITE-W                    | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry |
| Chlorophyll/Phaeophytin Ratio |                      |                                                                                                                    |
| Chlorophyll-a, Corrected      |                      |                                                                                                                    |
| Chlorophyll-a, Uncorrected    |                      |                                                                                                                    |
| Phaeophytin-a                 |                      |                                                                                                                    |
| 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                                                 |

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

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                            |
| 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: ICE-FLTR                                                                 |
| 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 (Biological) With 2 Samples:**

|                                           |                      |                                                                |
|-------------------------------------------|----------------------|----------------------------------------------------------------|
| Bottle Type: PJ-2L                        | Number of Bottles: 4 | Preserved With: Formalin                                       |
| MI-FW-QLDC                                | Template: DEFAULT    | (SOP-IZ06) No. Taxa of FW macroinverts, qual samp, 20 dipnets. |
| *Macroinvert-FW-Qual-DipnetX20-#Taxa-Rep2 |                      |                                                                |
| *Stream Condition Index (SCI)             |                      |                                                                |

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

|                                  |                                                                                                                                               |                                                                                        |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| Bottle Type: NED-AEG-EC          | Number of Bottles: 2                                                                                                                          | Preserved With: ICE                                                                    |
| Template: DEFAULT                | (EPA 1603) Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Gainesville Overflow Laboratories for NED |                                                                                        |
| Escherichia coli-Membrane Filter |                                                                                                                                               |                                                                                        |
| Bottle Type: QPCR-P-250ML        | Number of Bottles: 4                                                                                                                          | 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-1L               | Number of Bottles: 2                                                                                                                          | Preserved With: ICE                                                                    |
| W-AHERB-AA                       | Template: SFWMD                                                                                                                               | (USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS |
| 2,4,5-T                          |                                                                                                                                               |                                                                                        |
| 2,4-D                            |                                                                                                                                               |                                                                                        |
| Acifluorfen                      |                                                                                                                                               |                                                                                        |
| Bentazon                         |                                                                                                                                               |                                                                                        |
| Silvex                           |                                                                                                                                               |                                                                                        |
| W-SUC-AA-R                       | Template: DEFAULT                                                                                                                             | (EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS                      |
| *Sucralose                       |                                                                                                                                               |                                                                                        |
| W-UHERB-AA                       | Template: DEFAULT                                                                                                                             | (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS   |
| *Acetaminophen                   |                                                                                                                                               |                                                                                        |
| *Carbamazepine                   |                                                                                                                                               |                                                                                        |
| *Fluridone                       |                                                                                                                                               |                                                                                        |
| *Primidone                       |                                                                                                                                               |                                                                                        |
| Diuron                           |                                                                                                                                               |                                                                                        |
| Fenuron                          |                                                                                                                                               |                                                                                        |
| Imidacloprid                     |                                                                                                                                               |                                                                                        |
| Linuron                          |                                                                                                                                               |                                                                                        |

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

|                       |                      |                                                                                                   |
|-----------------------|----------------------|---------------------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML | Number of Bottles: 4 | Preserved With: ICE                                                                               |
| W-CT-CI-R             | Template: DEFAULT    | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization |
| *Chlordane            |                      |                                                                                                   |
| *Toxaphene            |                      |                                                                                                   |
| W-PCL-SQ-R            | Template: DEFAULT    | (EPA 8270D) Organochlorine pesticides in water matrices by GC/MS-SIM                              |
| Aldrin                |                      |                                                                                                   |
| Alpha-BHC             |                      |                                                                                                   |
| Alpha-Chlordane       |                      |                                                                                                   |
| Beta-BHC              |                      |                                                                                                   |
| Carbophenothion       |                      |                                                                                                   |
| Chlorothalonil        |                      |                                                                                                   |
| Cypermethrin          |                      |                                                                                                   |
| DDD-p,p'              |                      |                                                                                                   |
| DDE-p,p'              |                      |                                                                                                   |
| DDT-p,p'              |                      |                                                                                                   |

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

Bottle Type: BG-500ML      Number of Bottles: 4      Preserved With: ICE  
 W-PCL-SQ-R      Template: DEFAULT      (EPA 8270D) Organochlorine pesticides in water matrices by GC/MS-SIM

Delta-BHC  
 Dicofol  
 Dieldrin  
 Endosulfan I  
 Endosulfan II  
 Endosulfan Sulfate  
 Endrin  
 Endrin Aldehyde  
 Endrin Ketone  
 Gamma-BHC  
 Gamma-Chlordane  
 Heptachlor  
 Heptachlor Epoxide  
 Methoxychlor  
 Mirex  
 Permethrin  
 Trifluralin

Bottle Type: BG-1L      Number of Bottles: 4      Preserved With: ICE  
 W-PSNP-TQ      Template: DEFAULT      (EPA 8270D) Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS

Acetochlor  
 Alachlor  
 Ametryn  
 Atrazine  
 Atrazine Desethyl  
 Azinphos Methyl  
 Bromacil  
 Butylate  
 Chlorpyrifos Ethyl  
 Chlorpyrifos Methyl  
 Cyanazine  
 Demeton  
 Diazinon  
 Disulfoton  
 EPTC  
 Ethion  
 Ethoprop  
 Fenamiphos  
 Fipronil  
 Fipronil Sulfide  
 Fipronil Sulfone  
 Fonofos  
 Hexazinone  
 Malathion  
 Metalaxyl  
 Metolachlor  
 Metribuzin  
 Mevinphos  
 Molinate  
 Norflurazon  
 Parathion Ethyl  
 Parathion Methyl  
 Pendimethalin  
 Phorate  
 Prometon  
 Prometryn  
 Simazine  
 Terbufos  
 Terbutylazine

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

|                    |                      |                                                                                        |
|--------------------|----------------------|----------------------------------------------------------------------------------------|
| Bottle Type: BG-1L | Number of Bottles: 1 | Preserved With: ICE                                                                    |
| W-PYR-AA-R         | Template: DEFAULT    | (EPA 8321B) Pyraclostrobin in water matrices by HPLC/MS/MS                             |
| *Pyraclostrobin    |                      |                                                                                        |
| Bottle Type: BG-1L | Number of Bottles: 1 | Preserved With: ICE                                                                    |
| W-AHERB-AA         | Template: DEFAULT    | (USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS |
| *Triclopyr         |                      |                                                                                        |
| 2,4,5-T            |                      |                                                                                        |
| 2,4-D              |                      |                                                                                        |
| 2,4-DB             |                      |                                                                                        |
| Acifluorfen        |                      |                                                                                        |
| Bentazon           |                      |                                                                                        |
| Dichlorprop        |                      |                                                                                        |
| Dinoseb            |                      |                                                                                        |
| MCPA               |                      |                                                                                        |
| MCPP               |                      |                                                                                        |
| Picloram           |                      |                                                                                        |
| Silvex             |                      |                                                                                        |
| W-GLYPH            | Template: DEFAULT    | (EPA 8321B) Glyphosate in water matrices by HPLC/MS/MS                                 |
| *Glyphosate        |                      |                                                                                        |

**Bottle Group E (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                                                                                             |
| 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                                                                                      |
| TSS                           |                      |                                                                                                                                                |
| Bottle Type: BP-1L            | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| CHLSUITE-W                    | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry                             |
| Chlorophyll/Phaeophytin Ratio |                      |                                                                                                                                                |
| Chlorophyll-a, Corrected      |                      |                                                                                                                                                |
| Chlorophyll-a, Uncorrected    |                      |                                                                                                                                                |
| Phaeophytin-a                 |                      |                                                                                                                                                |
| Bottle Type: P-500ML          | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-ICP                         | Template: DEFAULT    | (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: PRTY       | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| Arsenic                       |                      |                                                                                                                                                |
| Cadmium                       |                      |                                                                                                                                                |
| Copper                        |                      |                                                                                                                                                |

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

|                      |                      |                                                                                                                             |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                                                        |
| W-ICPMS              | Template: PRTY       | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects |
| Lead                 |                      |                                                                                                                             |
| Nickel               |                      |                                                                                                                             |
| 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: ICE-FLTR                                                                                                    |
| 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        |                      |                                                                                                                             |

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