

Date of Request: 27-APR-2017  
 Created By: PARRISH\_J On: 27-APR-2017  
 Modified By: MATTHEWS\_D On: 06-JUN-2017  
 Customer: NE-DIST  
 Project: SMP  
 Division:  
 District: Northeast District  
 Sampling Event: LSJR North 2

**Send Coolers To:**

Phone: 904-256-1700  
 8800 Baymeadows Way W  
  
 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: 06-JUN-2017  
 Biology Request Reviewed By: MATTHEWS\_D On: 06-JUN-2017  
 Sampling Kit Required: YES Ship on: 07-JUN-2017  
 Sampling Kit Shipped: YES On: 07-JUN-2017  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 19-JUN-2017  
 Received By: REYNOLDS\_T On: 23-JUN-2017

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

Comments: Group A: Marine Kit With Metals, with Entero  
 Group B: Marine Kit, No Metals, with Entero, Markers and Tracers  
 Group C: Marine Kit, No Metals, with Entero

**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 CaCO3/L                                                                                    |
| Total Alkalinity              |                      |                                                                                                                                                |
| TURBIDITY                     | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |
| Turbidity                     |                      |                                                                                                                                                |
| W-F                           | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                           |
| Fluoride                      |                      |                                                                                                                                                |
| W-TSS                         | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices                                                                                      |
| TSS                           |                      |                                                                                                                                                |
| Bottle Type: BP-1L            | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| CHLSUITE-W                    | Template:            | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                   |
| Chlorophyll/Phaeophytin Ratio |                      |                                                                                                                                                |
| Chlorophyll-a, Corrected      |                      |                                                                                                                                                |
| Chlorophyll-a, Uncorrected    |                      |                                                                                                                                                |
| Phaeophytin-a                 |                      |                                                                                                                                                |
| Bottle Type:                  | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| NED-COL-EN                    | Template: DEFAULT    | (ASTM D6503-99) Enterococci by MPN by ALS Environmental Overflow Laboratory for NED                                                            |
| ENTEROCOCCI-ENTEROLERT        |                      |                                                                                                                                                |
| Bottle Type: P-500ML          | Number of Bottles: 2 | 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 |
| Chromium                      |                      |                                                                                                                                                |
| Iron                          |                      |                                                                                                                                                |
| 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                    |

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

|                      |                      |                                                                                                                             |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | 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 |

Arsenic  
Cadmium  
Copper  
Lead  
Nickel  
Silver

|                      |                      |                                                                     |
|----------------------|----------------------|---------------------------------------------------------------------|
| 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: 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 (Water) With 2 Samples:**

|                              |                      |                                                                               |
|------------------------------|----------------------|-------------------------------------------------------------------------------|
| 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: DEFAULT    | (USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS |
| *Triclopyr         |                      |                                                                                        |
| 2,4-D              |                      |                                                                                        |
| Bentazon           |                      |                                                                                        |
| MCPP               |                      |                                                                                        |
| 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 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: 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 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 |

**Bottle Group B (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-F                           | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)         |
| Fluoride                      |                      |                                                                                                              |
| W-TSS                         | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices                                                    |
| TSS                           |                      |                                                                                                              |
| Bottle Type: BP-1L            | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                    | Template:            | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Chlorophyll/Phaeophytin Ratio |                      |                                                                                                              |
| Chlorophyll-a, Corrected      |                      |                                                                                                              |
| Chlorophyll-a, Uncorrected    |                      |                                                                                                              |
| Phaeophytin-a                 |                      |                                                                                                              |
| Bottle Type:                  | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| NED-COL-EN                    | Template: DEFAULT    | (ASTM D6503-99) Enterococci by MPN by ALS Environmental Overflow Laboratory for NED                          |
| ENTEROCOCCI-ENTEROLERT        |                      |                                                                                                              |

**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-F                           | Template: DEFAULT    | (SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)         |
| Fluoride                      |                      |                                                                                                              |
| W-TSS                         | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices                                                    |
| TSS                           |                      |                                                                                                              |
| Bottle Type: BP-1L            | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                    | Template:            | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Chlorophyll/Phaeophytin Ratio |                      |                                                                                                              |
| Chlorophyll-a, Corrected      |                      |                                                                                                              |
| Chlorophyll-a, Uncorrected    |                      |                                                                                                              |
| Phaeophytin-a                 |                      |                                                                                                              |
| Bottle Type:                  | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| NED-COL-EN                    | Template: DEFAULT    | (ASTM D6503-99) Enterococci by MPN by ALS Environmental Overflow Laboratory for NED                          |
| ENTEROCOCCI-ENTEROLERT        |                      |                                                                                                              |
| 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: 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                 |                      |                                                                                                              |

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