

Date of Request: 23-DEC-2019  
 Created By: PARRISH\_J On: 23-DEC-2019  
 Modified By: WATTS\_J On: 10-JAN-2020  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Sampling Event: LSJR Southside 2020

**Send Coolers To:**

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

Program Module Number:  
 Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 10-JAN-2020  
 Biology Request Reviewed By: WATTS\_J On: 10-JAN-2020  
 Sampling Kit Required: NO Ship on:  
 Sampling Kit Shipped: YES On: 06-JAN-2020  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: NO  
 Date to Receive Samples: 13-JAN-2020  
 Received By: KLUG\_K On: 15-JAN-2020

**Send Final Report To:**

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

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

Comments: Group A: (Surf.-Salt) Nutrients, Metals, Bacteria, Tracers, CT-CLR  
 Group B: (Surf.-Salt) Nutrients, Bacteria, Tracers  
 Group C: (Surf.-Fresh) Nutrients, Metals, Bacteria, tracers, PCIL\_SQR  
 Group D: (Surf.-Fresh) Nutrients, Metals, Bacteria  
 Group E: ((Surf.-Fresh) Nutrients

NE-ALS-ECQ  
 NE-ALS-ENQ

Packing Notes:  
 2 Case H2S04  
 1 Case HNO3

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

|                             |                      |                                                                                                              |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-2011) 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-BR-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Bromide in aqueous matrices                                                             |
| Bromide                     |                      |                                                                                                              |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)       |
| Fluoride                    |                      |                                                                                                              |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |
| 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, and phaeophytin by spectrophotometry |
| Chlorophyll-a, Corrected    |                      |                                                                                                              |
| Chlorophyll-a, Uncorrected  |                      |                                                                                                              |
| Phaeophytin-a               |                      |                                                                                                              |
| Bottle Type: P-120ML-WC-THI | Number of Bottles: 2 | Preserved With: ICE                                                                                          |

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

|                             |                      |                                                                                                                                                |
|-----------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-120ML-WC-THI | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| NE-ALS-ENQ                  | Template: DEFAULT    | (ASTM D650399) Enterococci by Enterolert/QT by ALS in Jacksonville                                                                             |
| ENTEROCOCCI-ENTEROLERT      |                      |                                                                                                                                                |
| 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                   |                      |                                                                                                                                                |
| Bottle Type: BG-500ML       | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| W-E8321-DI                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| *Acesulfame K               |                      |                                                                                                                                                |
| *AMPA                       |                      |                                                                                                                                                |
| *Endothall                  |                      |                                                                                                                                                |
| *Glufosinate                |                      |                                                                                                                                                |
| *Glyphosate                 |                      |                                                                                                                                                |
| *Sucralose                  |                      |                                                                                                                                                |
| W-E8321-MS                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| *Acetaminophen              |                      |                                                                                                                                                |
| *Acetamiprid                |                      |                                                                                                                                                |
| *Afidopyropen               |                      |                                                                                                                                                |
| *Benzovindiflupyr           |                      |                                                                                                                                                |
| *Carbamazepine              |                      |                                                                                                                                                |
| *Clothianidin               |                      |                                                                                                                                                |
| *Dinotefuran                |                      |                                                                                                                                                |
| *Fluridone                  |                      |                                                                                                                                                |
| *Hydrocodone                |                      |                                                                                                                                                |
| *Ibuprofen                  |                      |                                                                                                                                                |
| *Imazapyr                   |                      |                                                                                                                                                |
| *Mandestrobin               |                      |                                                                                                                                                |
| *Naproxen                   |                      |                                                                                                                                                |
| *Primidone                  |                      |                                                                                                                                                |
| *Pyraclostrobin             |                      |                                                                                                                                                |
| *Thiamethoxam               |                      |                                                                                                                                                |
| *Tolfenpyrad                |                      |                                                                                                                                                |
| *Triclopyr                  |                      |                                                                                                                                                |
| 2,4-D                       |                      |                                                                                                                                                |
| Bentazon                    |                      |                                                                                                                                                |
| Diuron                      |                      |                                                                                                                                                |
| Fenuron                     |                      |                                                                                                                                                |
| Imidacloprid                |                      |                                                                                                                                                |
| Linuron                     |                      |                                                                                                                                                |
| MCPP                        |                      |                                                                                                                                                |
| Bottle Type: P-500ML        | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-ICP                       | Template: S-METALS   | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Iron                        |                      |                                                                                                                                                |
| Manganese                   |                      |                                                                                                                                                |
| 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                    |
| Aluminum                    |                      |                                                                                                                                                |
| Antimony                    |                      |                                                                                                                                                |
| Arsenic                     |                      |                                                                                                                                                |
| Cadmium                     |                      |                                                                                                                                                |
| Chromium                    |                      |                                                                                                                                                |
| Copper                      |                      |                                                                                                                                                |
| Lead                        |                      |                                                                                                                                                |
| Nickel                      |                      |                                                                                                                                                |
| Selenium                    |                      |                                                                                                                                                |
| Silver                      |                      |                                                                                                                                                |
| Thallium                    |                      |                                                                                                                                                |

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

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| 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-2011) 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        |                      |                                                                                          |

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

|                             |                      |                                                                                                              |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L          | Number of Bottles: 1 | 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-120ML-WC-THI | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| NE-ALS-ENQ                  | Template: DEFAULT    | (ASTM D650399) Enterococci by Enterolert/QT by ALS in Jacksonville                                           |
| ENTEROCOCCI-ENTEROLERT      |                      |                                                                                                              |
| Bottle Type: BG-500ML       | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| W-E8321-DI                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                      |
| *Acesulfame K               |                      |                                                                                                              |
| *AMPA                       |                      |                                                                                                              |
| *Endothall                  |                      |                                                                                                              |
| *Glufosinate                |                      |                                                                                                              |
| *Glyphosate                 |                      |                                                                                                              |
| *Sucralose                  |                      |                                                                                                              |
| W-E8321-MS                  | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                      |
| *Acetaminophen              |                      |                                                                                                              |
| *Acetamiprid                |                      |                                                                                                              |
| *Afidopyropen               |                      |                                                                                                              |
| *Benzovindiflupyr           |                      |                                                                                                              |
| *Carbamazepine              |                      |                                                                                                              |
| *Clothianidin               |                      |                                                                                                              |
| *Dinotefuran                |                      |                                                                                                              |
| *Fluridone                  |                      |                                                                                                              |
| *Hydrocodone                |                      |                                                                                                              |
| *Ibuprofen                  |                      |                                                                                                              |
| *Imazapyr                   |                      |                                                                                                              |
| *Mandestrobin               |                      |                                                                                                              |
| *Naproxen                   |                      |                                                                                                              |
| *Primidone                  |                      |                                                                                                              |
| *Pyraclostrobin             |                      |                                                                                                              |
| *Thiamethoxam               |                      |                                                                                                              |
| *Tolfenpyrad                |                      |                                                                                                              |
| *Triclopyr                  |                      |                                                                                                              |
| 2,4-D                       |                      |                                                                                                              |
| Bentazon                    |                      |                                                                                                              |
| Diuron                      |                      |                                                                                                              |
| Fenuron                     |                      |                                                                                                              |
| Imidacloprid                |                      |                                                                                                              |
| Linuron                     |                      |                                                                                                              |
| MCP                         |                      |                                                                                                              |
| 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                   |                      |                                                                                                              |

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

|                                |                      |                                                                                                        |
|--------------------------------|----------------------|--------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML           | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                                          |
| W-NO2NO3<br>NO2NO3-N           | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                     |
| W-S-A-TP<br>Total-P            | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                    |
| W-TKN<br>Kjeldahl Nitrogen     | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                       |
| W-TOC<br>Organic Carbon        | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                                       |
| Bottle Type: P-125ML           | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                                             |
| W-PO4-F<br>O-Phosphate-P       | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L               |
| Bottle Type: P-1L              | Number of Bottles: 1 | Preserved With: ICE                                                                                    |
| ALKALINITY<br>Total Alkalinity | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                          |
| TURBIDITY<br>Turbidity         | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                     |
| W-BR-IC<br>Bromide             | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Bromide in aqueous matrices                                                       |
| W-F<br>Fluoride                | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-TSS<br>TSS                   | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample        |

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

|                                            |                      |                                                                                                              |
|--------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                          | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| ALKALINITY<br>Total Alkalinity             | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                                |
| TURBIDITY<br>Turbidity                     | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| W-CL-IC<br>Chloride                        | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                            |
| W-COLOR<br>Color (true)                    | Template: DEFAULT    | (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                              |
| W-F<br>Fluoride                            | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)       |
| W-SO4-IC<br>Sulfate                        | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |
| W-TDS<br>TDS                               | Template: DEFAULT    | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                                  |
| W-TSS<br>TSS                               | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |
| Bottle Type: BP-1L                         | Number of Bottles: 1 | 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-120ML-WC-THI                | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| NE-ALS-ECQ<br>Escherichia Coli-Quanti-Tray | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville                                        |
| Bottle Type: BG-500ML                      | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| W-E8321-DI                                 | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                      |
| *Acesulfame K                              |                      |                                                                                                              |
| *AMPA                                      |                      |                                                                                                              |
| *Endothall                                 |                      |                                                                                                              |
| *Glufosinate                               |                      |                                                                                                              |
| *Glyphosate                                |                      |                                                                                                              |

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

|                       |                      |                                                                                                                                                |
|-----------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| W-E8321-DI            | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| *Sucralose            |                      |                                                                                                                                                |
| W-E8321-MS            | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| *Acetaminophen        |                      |                                                                                                                                                |
| *Acetamiprid          |                      |                                                                                                                                                |
| *Afidopyropen         |                      |                                                                                                                                                |
| *Benzovindiflupyr     |                      |                                                                                                                                                |
| *Carbamazepine        |                      |                                                                                                                                                |
| *Clothianidin         |                      |                                                                                                                                                |
| *Dinotefuran          |                      |                                                                                                                                                |
| *Fluridone            |                      |                                                                                                                                                |
| *Hydrocodone          |                      |                                                                                                                                                |
| *Ibuprofen            |                      |                                                                                                                                                |
| *Imazapyr             |                      |                                                                                                                                                |
| *Mandestrobin         |                      |                                                                                                                                                |
| *Naproxen             |                      |                                                                                                                                                |
| *Primidone            |                      |                                                                                                                                                |
| *Pyraclostrobin       |                      |                                                                                                                                                |
| *Thiamethoxam         |                      |                                                                                                                                                |
| *Tolfenpyrad          |                      |                                                                                                                                                |
| *Triclopyr            |                      |                                                                                                                                                |
| 2,4-D                 |                      |                                                                                                                                                |
| Bentazon              |                      |                                                                                                                                                |
| Diuron                |                      |                                                                                                                                                |
| Fenuron               |                      |                                                                                                                                                |
| Imidacloprid          |                      |                                                                                                                                                |
| Linuron               |                      |                                                                                                                                                |
| MCPP                  |                      |                                                                                                                                                |
| Bottle Type: P-500ML  | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-HARD                | Template: DEFAULT    | (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                                                                |
| Hardness              |                      |                                                                                                                                                |
| 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 |
| Barium                |                      |                                                                                                                                                |
| Calcium               |                      |                                                                                                                                                |
| Iron                  |                      |                                                                                                                                                |
| Magnesium             |                      |                                                                                                                                                |
| Potassium             |                      |                                                                                                                                                |
| Sodium                |                      |                                                                                                                                                |
| Zinc                  |                      |                                                                                                                                                |
| W-ICPMS               | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Boron                |                      |                                                                                                                                                |
| Aluminum              |                      |                                                                                                                                                |
| Antimony              |                      |                                                                                                                                                |
| Arsenic               |                      |                                                                                                                                                |
| Cadmium               |                      |                                                                                                                                                |
| Chromium              |                      |                                                                                                                                                |
| Copper                |                      |                                                                                                                                                |
| Lead                  |                      |                                                                                                                                                |
| Nickel                |                      |                                                                                                                                                |
| Selenium              |                      |                                                                                                                                                |
| Silver                |                      |                                                                                                                                                |
| Thallium              |                      |                                                                                                                                                |
| 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                                                                            |

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

|                       |                      |                                                                                          |
|-----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML  | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                            |
| 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-2011) Nonpurgeable Organic Carbon in aqueous matrices                         |
| Organic Carbon        |                      |                                                                                          |
| Bottle Type: BG-500ML | Number of Bottles: 4 | Preserved With: ICE                                                                      |
| W-PCL-SQ-R            | Template: DEFAULT    | (EPA 8270E) Organochlorine pesticides in water matrices by GC/MS-SIM                     |
| *Bifenthrin           |                      |                                                                                          |
| *Cis-Nonachlor        |                      |                                                                                          |
| *Ethalfuralin         |                      |                                                                                          |
| *Trans-Nonachlor      |                      |                                                                                          |
| Aldrin                |                      |                                                                                          |
| Alpha-BHC             |                      |                                                                                          |
| Alpha-Chlordane       |                      |                                                                                          |
| Beta-BHC              |                      |                                                                                          |
| Carbophenothion       |                      |                                                                                          |
| Chlorothalonil        |                      |                                                                                          |
| Cypermethrin          |                      |                                                                                          |
| DDD-p,p'              |                      |                                                                                          |
| DDE-p,p'              |                      |                                                                                          |
| DDT-p,p'              |                      |                                                                                          |
| Delta-BHC             |                      |                                                                                          |
| Dicofol               |                      |                                                                                          |
| Dieldrin              |                      |                                                                                          |
| Endosulfan I          |                      |                                                                                          |
| Endosulfan II         |                      |                                                                                          |
| Endosulfan Sulfate    |                      |                                                                                          |
| Endrin                |                      |                                                                                          |
| Endrin Aldehyde       |                      |                                                                                          |
| Endrin Ketone         |                      |                                                                                          |
| Gamma-BHC             |                      |                                                                                          |
| Gamma-Chlordane       |                      |                                                                                          |
| Heptachlor            |                      |                                                                                          |
| Heptachlor Epoxide    |                      |                                                                                          |
| Hexachlorobenzene     |                      |                                                                                          |
| Methoxychlor          |                      |                                                                                          |
| Mirex                 |                      |                                                                                          |
| Permethrin            |                      |                                                                                          |
| Trifluralin           |                      |                                                                                          |
| 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         |                      |                                                                                          |

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

|                   |                      |                                                                                                        |
|-------------------|----------------------|--------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L | Number of Bottles: 1 | Preserved With: ICE                                                                                    |
| ALKALINITY        | Template: DEFAULT    | (SM 2320 B-2011) 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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                        |
| Color (true)      |                      |                                                                                                        |
| W-F               | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| Fluoride          |                      |                                                                                                        |
| W-SO4-IC          | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                       |
| Sulfate           |                      |                                                                                                        |
| W-TDS             | Template: DEFAULT    | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                            |
| TDS               |                      |                                                                                                        |

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

|                              |                      |                                                                                                                                                |
|------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L            | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| W-TSS                        | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                |
| 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, and phaeophytin by spectrophotometry                                   |
| Chlorophyll-a, Corrected     |                      |                                                                                                                                                |
| Chlorophyll-a, Uncorrected   |                      |                                                                                                                                                |
| Phaeophytin-a                |                      |                                                                                                                                                |
| Bottle Type: P-120ML-WC-THI  | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| NE-ALS-ECQ                   | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville                                                                          |
| Escherichia Coli-Quanti-Tray |                      |                                                                                                                                                |
| Bottle Type: BG-500ML        | Number of Bottles: 1 | Preserved With: ICE                                                                                                                            |
| W-E8321-DI                   | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| *Acesulfame K                |                      |                                                                                                                                                |
| *AMPA                        |                      |                                                                                                                                                |
| *Endothall                   |                      |                                                                                                                                                |
| *Glufosinate                 |                      |                                                                                                                                                |
| *Glyphosate                  |                      |                                                                                                                                                |
| *Sucralose                   |                      |                                                                                                                                                |
| W-E8321-MS                   | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| *Acetaminophen               |                      |                                                                                                                                                |
| *Acetamiprid                 |                      |                                                                                                                                                |
| *Afidopyropen                |                      |                                                                                                                                                |
| *Benzovindiflupyr            |                      |                                                                                                                                                |
| *Carbamazepine               |                      |                                                                                                                                                |
| *Clothianidin                |                      |                                                                                                                                                |
| *Dinotefuran                 |                      |                                                                                                                                                |
| *Fluridone                   |                      |                                                                                                                                                |
| *Hydrocodone                 |                      |                                                                                                                                                |
| *Ibuprofen                   |                      |                                                                                                                                                |
| *Imazapyr                    |                      |                                                                                                                                                |
| *Mandestrobin                |                      |                                                                                                                                                |
| *Naproxen                    |                      |                                                                                                                                                |
| *Primidone                   |                      |                                                                                                                                                |
| *Pyraclostrobin              |                      |                                                                                                                                                |
| *Thiamethoxam                |                      |                                                                                                                                                |
| *Tolfenpyrad                 |                      |                                                                                                                                                |
| *Triclopyr                   |                      |                                                                                                                                                |
| 2,4-D                        |                      |                                                                                                                                                |
| Bentazon                     |                      |                                                                                                                                                |
| Diuron                       |                      |                                                                                                                                                |
| Fenuron                      |                      |                                                                                                                                                |
| Imidacloprid                 |                      |                                                                                                                                                |
| Linuron                      |                      |                                                                                                                                                |
| MCPP                         |                      |                                                                                                                                                |
| Bottle Type: P-500ML         | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-HARD                       | Template: DEFAULT    | (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                                                                |
| Hardness                     |                      |                                                                                                                                                |
| 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 |
| Barium                       |                      |                                                                                                                                                |
| Calcium                      |                      |                                                                                                                                                |
| Iron                         |                      |                                                                                                                                                |
| Magnesium                    |                      |                                                                                                                                                |
| Potassium                    |                      |                                                                                                                                                |
| Sodium                       |                      |                                                                                                                                                |
| Zinc                         |                      |                                                                                                                                                |
| W-ICPMS                      | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Boron                       |                      |                                                                                                                                                |

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

|                      |                      |                                                                                                                             |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: HNO3                                                                                                        |
| W-ICPMS              | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects |
| Aluminum             |                      |                                                                                                                             |
| Antimony             |                      |                                                                                                                             |
| Arsenic              |                      |                                                                                                                             |
| Cadmium              |                      |                                                                                                                             |
| Chromium             |                      |                                                                                                                             |
| Copper               |                      |                                                                                                                             |
| Lead                 |                      |                                                                                                                             |
| Nickel               |                      |                                                                                                                             |
| Selenium             |                      |                                                                                                                             |
| Silver               |                      |                                                                                                                             |
| Thallium             |                      |                                                                                                                             |
| 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-2011) 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        |                      |                                                                                                                             |

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

|                            |                      |                                                                                                              |
|----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| ALKALINITY                 | Template: DEFAULT    | (SM 2320 B-2011) 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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                              |
| Color (true)               |                      |                                                                                                              |
| W-F                        | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)       |
| Fluoride                   |                      |                                                                                                              |
| W-SO4-IC                   | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |
| Sulfate                    |                      |                                                                                                              |
| W-TDS                      | Template: DEFAULT    | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                                  |
| TDS                        |                      |                                                                                                              |
| W-TSS                      | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |
| 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, and phaeophytin by spectrophotometry |
| 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                                           |
| 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                    |                      |                                                                                                              |

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

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                            |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                         |
| Kjeldahl Nitrogen    |                      |                                                                                          |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                         |
| Organic Carbon       |                      |                                                                                          |
| 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        |                      |                                                                                          |

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