

Date of Request: 06-MAR-2020  
 Created By: PARRISH\_J On: 06-MAR-2020  
 Modified By: PARRISH\_J On: 06-MAR-2020  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Sampling Event: LSJR East 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: P  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By:  
 Biology Request Reviewed By:

**Send Final Report To:**

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

Sampling Kit Required: YES Ship on: 16-MAR-2020  
 Sampling Kit Shipped:  
 Sampling Kit Packed By:  
 Preservatives Needed: NO  
 Date to Receive Samples: 30-MAR-2020  
 Received By:

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

Comments: Group A: (Surf-fresh)Nutrients, Pesticides, Bacteria  
 Group B: (Surf fresh)Nutrients, Metals, Bacteria, Tracer  
 Group C: (Surf.fresh)Nutrients, Bacteria, tracer  
 Group D:(Surf.fresh)Nutrients, Bacteria, tracer  
 NE-ALS-ECQ  
 NE-ALS-ENQ  
 Packing Notes:

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

| Bottle Type:                                                                                                                               | Number of Bottles: | Preserved With:                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------|
| ALKALINITY<br>Total Alkalinity                                                                                                             | Template: DEFAULT  | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                   |
| CHLSUITE-W<br>Chlorophyll-a, Corrected<br>Chlorophyll-a, Uncorrected<br>Phaeophytin-a                                                      | Template: DEFAULT  | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| NE-ALS-ECQ<br>Escherichia Coli-Quanti-Tray                                                                                                 | Template: DEFAULT  | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville                                        |
| TURBIDITY<br>Turbidity                                                                                                                     | Template: DEFAULT  | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| W-CARB-AA<br>3-Hydroxycarbofuran<br>Aldicarb<br>Aldicarb Sulfone<br>Aldicarb Sulfoxide<br>Carbaryl<br>Carbofuran<br>Methiocarb<br>Methomyl | Template: DEFAULT  | (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS                                                       |

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

| Bottle Type:                                                                                                                                                                                                                                                                                                                                                                             | Number of Bottles: | Preserved With:                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------|
| W-CARB-AA<br>Oxamyl<br>Propoxur                                                                                                                                                                                                                                                                                                                                                          | Template: DEFAULT  | (EPA 8321B) Carbamates in water matrices by HPLC/MS/MS                                                 |
| 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-CT-CI-R<br>Chlordane<br>Toxaphene                                                                                                                                                                                                                                                                                                                                                      | Template: DEFAULT  | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization      |
| W-E8321-DI<br>*Acesulfame K<br>*AMPA<br>*Endothall<br>*Glufosinate<br>*Glyphosate<br>*Sucralose                                                                                                                                                                                                                                                                                          | Template: DEFAULT  | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                |
| W-E8321-MS<br>*Acetaminophen<br>*Acetamiprid<br>*Afidopyropen<br>*Benzovindiflupyr<br>*Carbamazepine<br>*Clothianidin<br>*Dinotefuran<br>*Fluridone<br>*Hydrocodone<br>*Ibuprofen<br>*Imazapyr<br>*Mandestrobin<br>*Naproxen<br>*Primidone<br>*Pyraclostrobin<br>*Thiamethoxam<br>*Tolfenpyrad<br>*Triclopyr<br>2,4-D<br>Bentazon<br>Diuron<br>Fenuron<br>Imidacloprid<br>Linuron<br>MCP | Template: DEFAULT  | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                |
| W-F<br>Fluoride                                                                                                                                                                                                                                                                                                                                                                          | Template: DEFAULT  | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-NH3<br>Ammonia-N                                                                                                                                                                                                                                                                                                                                                                       | Template: DEFAULT  | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                             |
| W-NO2NO3<br>NO2NO3-N                                                                                                                                                                                                                                                                                                                                                                     | Template: DEFAULT  | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                     |
| W-PCL-SQ-R<br>*Beta-Cyfluthrin<br>*Bifenthrin<br>*Cis-Nonachlor<br>*Dacthal<br>*Ethalfuralin<br>*Lambda-Cyhalothrin<br>*Phenothrin<br>*Prallethrin                                                                                                                                                                                                                                       | Template: DEFAULT  | (EPA 8270E) Organochlorine pesticides in water matrices by GC/MS-SIM                                   |

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

| Bottle Type:         | Number of Bottles: | Preserved With:                                                                          |
|----------------------|--------------------|------------------------------------------------------------------------------------------|
| W-PCL-SQ-R           | Template: DEFAULT  | (EPA 8270E) Organochlorine pesticides in water matrices by GC/MS-SIM                     |
| *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          |                    |                                                                                          |
| 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        |                    |                                                                                          |
| W-PSNP-TQ            | Template: DEFAULT  | (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS       |
| *Dimethenamid        |                    |                                                                                          |
| *Dithiopyr           |                    |                                                                                          |
| *Fipronil Desulfinyl |                    |                                                                                          |
| *Flumioxazin         |                    |                                                                                          |
| *Imazalil            |                    |                                                                                          |
| *Oxadiazon           |                    |                                                                                          |
| *Prodiamine          |                    |                                                                                          |
| *Pronamide           |                    |                                                                                          |
| *Propiconazole       |                    |                                                                                          |
| *Sulfentrazone       |                    |                                                                                          |
| *Tebuconazole        |                    |                                                                                          |
| Acetochlor           |                    |                                                                                          |
| Alachlor             |                    |                                                                                          |
| Ametryn              |                    |                                                                                          |
| Atrazine             |                    |                                                                                          |
| Atrazine Desethyl    |                    |                                                                                          |
| Azinphos Methyl      |                    |                                                                                          |
| Bromacil             |                    |                                                                                          |
| Butylate             |                    |                                                                                          |
| Carbophenothion      |                    |                                                                                          |
| Chlorpyrifos Ethyl   |                    |                                                                                          |
| Chlorpyrifos Methyl  |                    |                                                                                          |
| Cyanazine            |                    |                                                                                          |
| Demeton              |                    |                                                                                          |
| Diazinon             |                    |                                                                                          |
| Disulfoton           |                    |                                                                                          |
| EPTC                 |                    |                                                                                          |

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

| Bottle Type:      | Number of Bottles: | Preserved With:                                                                                 |
|-------------------|--------------------|-------------------------------------------------------------------------------------------------|
| W-PSNP-TQ         | Template: DEFAULT  | (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS              |
| Ethion            |                    |                                                                                                 |
| Ethoprop          |                    |                                                                                                 |
| Fenamiphos        |                    |                                                                                                 |
| Fipronil          |                    |                                                                                                 |
| Fipronil Sulfide  |                    |                                                                                                 |
| Fipronil Sulfone  |                    |                                                                                                 |
| Fonofos           |                    |                                                                                                 |
| Hexazinone        |                    |                                                                                                 |
| Malathion         |                    |                                                                                                 |
| Metalaxyl         |                    |                                                                                                 |
| Metolachlor       |                    |                                                                                                 |
| Metribuzin        |                    |                                                                                                 |
| Mevinphos         |                    |                                                                                                 |
| Molinate          |                    |                                                                                                 |
| Norflurazon       |                    |                                                                                                 |
| Parathion Ethyl   |                    |                                                                                                 |
| Parathion Methyl  |                    |                                                                                                 |
| Pendimethalin     |                    |                                                                                                 |
| Phorate           |                    |                                                                                                 |
| Prometon          |                    |                                                                                                 |
| Prometryn         |                    |                                                                                                 |
| Simazine          |                    |                                                                                                 |
| Terbufos          |                    |                                                                                                 |
| Terbutylazine     |                    |                                                                                                 |
| W-S-A-TP          | Template: DEFAULT  | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                             |
| Total-P           |                    |                                                                                                 |
| 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-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    |                    |                                                                                                 |
| W-TSS             | Template: DEFAULT  | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample |
| TSS               |                    |                                                                                                 |

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

| Bottle Type:                 | Number of Bottles: | Preserved With:                                                                                              |
|------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------|
| ALKALINITY                   | Template: DEFAULT  | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                                |
| Total Alkalinity             |                    |                                                                                                              |
| 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                |                    |                                                                                                              |
| NE-ALS-ECQ                   | Template: DEFAULT  | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville                                        |
| Escherichia Coli-Quanti-Tray |                    |                                                                                                              |
| 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-E8321-DI                   | Template: DEFAULT  | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                      |
| *Acesulfame K                |                    |                                                                                                              |
| *AMPA                        |                    |                                                                                                              |
| *Endothall                   |                    |                                                                                                              |
| *Glufosinate                 |                    |                                                                                                              |

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

| Bottle Type:                                                                                                                                                                                                                                                                                                                                                                              | Number of Bottles: | Preserved With:                                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| W-E8321-DI<br>*Glyphosate<br>*Sucralose                                                                                                                                                                                                                                                                                                                                                   | Template: DEFAULT  | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| W-E8321-MS<br>*Acetaminophen<br>*Acetamiprid<br>*Afidopyropen<br>*Benzovindiflupyr<br>*Carbamazepine<br>*Clothianidin<br>*Dinotefuran<br>*Fluridone<br>*Hydrocodone<br>*Ibuprofen<br>*Imazapyr<br>*Mandestrobin<br>*Naproxen<br>*Primidone<br>*Pyraclostrobin<br>*Thiamethoxam<br>*Tolfenpyrad<br>*Triclopyr<br>2,4-D<br>Bentazon<br>Diuron<br>Fenuron<br>Imidacloprid<br>Linuron<br>MCPP | Template: DEFAULT  | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| W-F<br>Fluoride                                                                                                                                                                                                                                                                                                                                                                           | Template: DEFAULT  | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                         |
| W-HARD<br>Hardness                                                                                                                                                                                                                                                                                                                                                                        | Template: DEFAULT  | (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO <sub>3</sub>                                                    |
| W-ICP<br>Barium<br>Calcium<br>Iron<br>Magnesium<br>Potassium<br>Sodium<br>Zinc                                                                                                                                                                                                                                                                                                            | Template:          | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| W-ICPMS<br>*Boron<br>Aluminum<br>Antimony<br>Arsenic<br>Cadmium<br>Chromium<br>Copper<br>Lead<br>Nickel<br>Selenium<br>Silver<br>Thallium                                                                                                                                                                                                                                                 | Template:          | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| W-NH3<br>Ammonia-N                                                                                                                                                                                                                                                                                                                                                                        | Template: DEFAULT  | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                                                     |
| W-NO2NO3                                                                                                                                                                                                                                                                                                                                                                                  | Template: DEFAULT  | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                                                             |

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

| Bottle Type:               | Number of Bottles: | Preserved With:                                                                                 |
|----------------------------|--------------------|-------------------------------------------------------------------------------------------------|
| W-NO2NO3<br>NO2NO3-N       | Template: DEFAULT  | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                              |
| 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        |
| 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-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-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                                |
| 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 3 Samples:**

| Bottle Type:                                                                                                                                                                                                                                                                                                 | Number of Bottles: | Preserved With:                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------|
| ALKALINITY<br>Total Alkalinity                                                                                                                                                                                                                                                                               | Template: DEFAULT  | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                                |
| CHLSUITE-W<br>Chlorophyll-a, Corrected<br>Chlorophyll-a, Uncorrected<br>Phaeophytin-a                                                                                                                                                                                                                        | Template: DEFAULT  | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| NE-ALS-ECQ<br>Escherichia Coli-Quanti-Tray                                                                                                                                                                                                                                                                   | Template: DEFAULT  | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville                                        |
| 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-E8321-DI<br>*Acesulfame K<br>*AMPA<br>*Endothall<br>*Glufosinate<br>*Glyphosate<br>*Sucralose                                                                                                                                                                                                              | Template: DEFAULT  | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                      |
| W-E8321-MS<br>*Acetaminophen<br>*Acetamiprid<br>*Afidopyropen<br>*Benzovindiflupyr<br>*Carbamazepine<br>*Clothianidin<br>*Dinotefuran<br>*Fluridone<br>*Hydrocodone<br>*Ibuprofen<br>*Imazapyr<br>*Mandestrobin<br>*Naproxen<br>*Primidone<br>*Pyraclostrobin<br>*Thiamethoxam<br>*Tolfenpyrad<br>*Triclopyr | Template: DEFAULT  | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                      |

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

| Bottle Type:                                                                           | Number of Bottles: | Preserved With:                                                                                        |
|----------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------|
| W-E8321-MS<br>2,4-D<br>Bentazon<br>Diuron<br>Fenuron<br>Imidacloprid<br>Linuron<br>MCP | Template: DEFAULT  | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                |
| W-F<br>Fluoride                                                                        | Template: DEFAULT  | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| W-NH3<br>Ammonia-N                                                                     | Template: DEFAULT  | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                             |
| W-NO2NO3<br>NO2NO3-N                                                                   | Template: DEFAULT  | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                     |
| 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               |
| 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-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-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                                       |
| 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 D (Water) With 1 Samples:**

| Bottle Type:                                                                                    | Number of Bottles: | Preserved With:                                                                                              |
|-------------------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------------------------------|
| ALKALINITY<br>Total Alkalinity                                                                  | Template: DEFAULT  | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                                |
| CHLSUITE-W<br>Chlorophyll-a, Corrected<br>Chlorophyll-a, Uncorrected<br>Phaeophytin-a           | Template: DEFAULT  | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| NE-ALS-ECQ<br>Escherichia Coli-Quanti-Tray                                                      | Template: DEFAULT  | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville                                        |
| NE-ALS-ENQ<br>ENTEROCOCCI-ENTEROLERT                                                            | Template: DEFAULT  | (ASTM D650399) Enterococci by Enterolert/QT by ALS in Jacksonville                                           |
| 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-E8321-DI<br>*Acesulfame K<br>*AMPA<br>*Endothall<br>*Glufosinate<br>*Glyphosate<br>*Sucralose | Template: DEFAULT  | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                      |
| W-E8321-MS<br>*Acetaminophen<br>*Acetamiprid<br>*Afidopyropen                                   | Template: DEFAULT  | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                      |

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

| Bottle Type:      | Number of Bottles: | Preserved With:                                                                                        |
|-------------------|--------------------|--------------------------------------------------------------------------------------------------------|
| W-E8321-MS        | Template: DEFAULT  | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                |
| *Benzovindiflupyr |                    |                                                                                                        |
| *Carbamazepine    |                    |                                                                                                        |
| *Clothianidin     |                    |                                                                                                        |
| *Dinotefuran      |                    |                                                                                                        |
| *Fluridone        |                    |                                                                                                        |
| *Hydrocodone      |                    |                                                                                                        |
| *Ibuprofen        |                    |                                                                                                        |
| *Imazapyr         |                    |                                                                                                        |
| *Mandestrobin     |                    |                                                                                                        |
| *Naproxen         |                    |                                                                                                        |
| *Primidone        |                    |                                                                                                        |
| *Pyraclostrobin   |                    |                                                                                                        |
| *Thiamethoxam     |                    |                                                                                                        |
| *Tolfenpyrad      |                    |                                                                                                        |
| *Triclopyr        |                    |                                                                                                        |
| 2,4-D             |                    |                                                                                                        |
| Bentazon          |                    |                                                                                                        |
| Diuron            |                    |                                                                                                        |
| Fenuron           |                    |                                                                                                        |
| Imidacloprid      |                    |                                                                                                        |
| Linuron           |                    |                                                                                                        |
| MCP               |                    |                                                                                                        |
| W-F               | Template: DEFAULT  | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| Fluoride          |                    |                                                                                                        |
| 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-PO4-F           | Template: DEFAULT  | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L               |
| O-Phosphate-P     |                    |                                                                                                        |
| W-S-A-TP          | Template: DEFAULT  | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                    |
| Total-P           |                    |                                                                                                        |
| 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-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    |                    |                                                                                                        |
| W-TSS             | Template: DEFAULT  | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample        |
| TSS               |                    |                                                                                                        |

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