

Date of Request: 15-JUL-2022  
 Created By: PARRISH\_J On: 15-JUL-2022  
 Modified By: PARRISH\_J On: 15-JUL-2022  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Event Description: LSJR Main

**Send Coolers To:**

Phone: 904-256-1693  
 8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish  
 Cooler Ship EMail: Jeremy.M.Parrish@dep.state.fl.us

Priority: 3  
 Event Status: P  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By:  
 Biology Request Reviewed By:  
 Sampling Kit Required: YES Ship on: 25-JUL-2022  
 Sampling Kit Shipped:  
 Sampling Kit Packed By:  
 Preservatives Needed: NO  
 Date to Receive Samples: 08-AUG-2022  
 Logged In By:

**Send Final Report To:**

8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish  
 Report Notification EMail: Jeremy.M.Parrish@dep.state.fl.us

Comments: Group A:(Surf.-Salt) Nutrients  
 site G2NE0005  
 Group B:(Surf.Fresh)Metals, Ecoli  
 site20030756  
 Group C:(Surf.Fresh) Nutrients,Metals  
 site20030070  
 Group D:(Surf.Fresh)Nutrients,ctclr,pcltqr,pcbtqr  
 site G2NE1164  
 Grp E:(Surf.Fresh)ctclr,pcltqr,pcbtqr  
 site 20030064, 20030068

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 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 |
| TURBIDITY<br>Turbidity                                                                | Template: DEFAULT  | (EPA 180.1 Rev. 2.0) Turbidity 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-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                                           |

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

| Bottle Type:               | Number of Bottles: | Preserved With:                                                                                 |
|----------------------------|--------------------|-------------------------------------------------------------------------------------------------|
| 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                                |
| 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 B (Water) With 1 Samples:**

| Bottle Type:                                                                                                                                                                                         | Number of Bottles:  | Preserved With:                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| NE-DIV-ECQ<br>Escherichia Coli-Quanti-Tray                                                                                                                                                           | Template: DEFAULT   | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by Diversified Environmental Laboratories in Jacksonville                                       |
| W-HARD<br>Hardness                                                                                                                                                                                   | Template: DEFAULT   | (SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO <sub>3</sub>                                              |
| W-ICP<br>Calcium<br>Iron<br>Magnesium<br>Potassium<br>Sodium<br>Strontium<br>Tin<br>Titanium<br>Vanadium<br>Zinc                                                                                     | Template: SMP-FRESH | (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>Aluminum<br>Antimony<br>Arsenic<br>Barium<br>Beryllium<br>Boron<br>Cadmium<br>Chromium<br>Cobalt<br>Copper<br>Lead<br>Manganese<br>Molybdenum<br>Nickel<br>Selenium<br>Silver<br>Thallium | Template: DEFAULT   | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |

**Bottle Group C (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 |
| 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                                                            |

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

| Bottle Type:                                                                                                                                                                                         | Number of Bottles:  | Preserved With:                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| W-COLOR<br>Color (true)                                                                                                                                                                              | Template: DEFAULT   | (DEP SOP: NU-094-1) 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-HARD<br>Hardness                                                                                                                                                                                   | Template: DEFAULT   | (SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO <sub>3</sub>                                              |
| W-ICP<br>Calcium<br>Iron<br>Magnesium<br>Potassium<br>Sodium<br>Strontium<br>Tin<br>Titanium<br>Vanadium<br>Zinc                                                                                     | Template: SMP-FRESH | (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>Aluminum<br>Antimony<br>Arsenic<br>Barium<br>Beryllium<br>Boron<br>Cadmium<br>Chromium<br>Cobalt<br>Copper<br>Lead<br>Manganese<br>Molybdenum<br>Nickel<br>Selenium<br>Silver<br>Thallium | Template: DEFAULT   | (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<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-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 CaCO <sub>3</sub> /L |

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

| Bottle Type:               | Number of Bottles: | Preserved With:                                                                                                              |
|----------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------|
| 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              |                    |                                                                                                                              |
| 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  | (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)                                           |
| Color (true)               |                    |                                                                                                                              |
| W-CT-CI-R                  | Template: DEFAULT  | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization                            |
| Chlordane                  |                    |                                                                                                                              |
| Toxaphene                  |                    |                                                                                                                              |
| W-F                        | Template: DEFAULT  | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                      |
| Fluoride                   |                    |                                                                                                                              |
| W-F-F                      | Template: DEFAULT  | (SM 4500-F- C-2011) Fluoride, dissolved, in filtered 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-PCB-TQ-R                 | Template: DEFAULT  | (EPA 8270E) PCBs in water matrices by GC/MS/MS                                                                               |
| PCB-1016                   |                    |                                                                                                                              |
| PCB-1221                   |                    |                                                                                                                              |
| PCB-1232                   |                    |                                                                                                                              |
| PCB-1242                   |                    |                                                                                                                              |
| PCB-1248                   |                    |                                                                                                                              |
| PCB-1254                   |                    |                                                                                                                              |
| PCB-1260                   |                    |                                                                                                                              |
| W-PCL-TQ-R                 | Template: DEFAULT  | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS                                 |
| *Hexachlorobenzene         |                    |                                                                                                                              |
| Aldrin                     |                    |                                                                                                                              |
| Alpha-BHC                  |                    |                                                                                                                              |
| Alpha-Chlordane            |                    |                                                                                                                              |
| Beta-BHC                   |                    |                                                                                                                              |
| Beta-Cyfluthrin            |                    |                                                                                                                              |
| Bifenthrin                 |                    |                                                                                                                              |
| Chlorothalonil             |                    |                                                                                                                              |
| Cis-Nonachlor              |                    |                                                                                                                              |
| Cypermethrin               |                    |                                                                                                                              |
| Dacthal                    |                    |                                                                                                                              |
| DDD-p,p'                   |                    |                                                                                                                              |
| DDE-p,p'                   |                    |                                                                                                                              |
| DDT-p,p'                   |                    |                                                                                                                              |
| Delta-BHC                  |                    |                                                                                                                              |
| Deltamethrin               |                    |                                                                                                                              |
| Dichlobenil                |                    |                                                                                                                              |
| Dicofol                    |                    |                                                                                                                              |
| Dieldrin                   |                    |                                                                                                                              |
| Endosulfan I               |                    |                                                                                                                              |
| Endosulfan II              |                    |                                                                                                                              |
| Endosulfan Sulfate         |                    |                                                                                                                              |
| Endrin                     |                    |                                                                                                                              |
| Endrin Aldehyde            |                    |                                                                                                                              |
| Endrin Ketone              |                    |                                                                                                                              |
| Esfenvalerate              |                    |                                                                                                                              |

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

| Bottle Type:       | Number of Bottles: | Preserved With:                                                                                 |
|--------------------|--------------------|-------------------------------------------------------------------------------------------------|
| W-PCL-TQ-R         | Template: DEFAULT  | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS    |
| Ethalfuralin       |                    |                                                                                                 |
| Fenpropathrin      |                    |                                                                                                 |
| Gamma-BHC          |                    |                                                                                                 |
| Gamma-Chlordane    |                    |                                                                                                 |
| Heptachlor         |                    |                                                                                                 |
| Heptachlor Epoxide |                    |                                                                                                 |
| Kepone             |                    |                                                                                                 |
| Lambda-Cyhalothrin |                    |                                                                                                 |
| Methoprene         |                    |                                                                                                 |
| Methoxychlor       |                    |                                                                                                 |
| MGK-264            |                    |                                                                                                 |
| Mirex              |                    |                                                                                                 |
| Oxychlordane       |                    |                                                                                                 |
| Permethrin         |                    |                                                                                                 |
| Phenothrin         |                    |                                                                                                 |
| Piperonyl Butoxide |                    |                                                                                                 |
| Prallethrin        |                    |                                                                                                 |
| Tau-Fluvalinate    |                    |                                                                                                 |
| Tetramethrin       |                    |                                                                                                 |
| Trans-Nonachlor    |                    |                                                                                                 |
| Triclosan Methyl   |                    |                                                                                                 |
| Trifluralin        |                    |                                                                                                 |
| 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 E (Water) With 2 Samples:**

| Bottle Type:       | Number of Bottles: | Preserved With:                                                                                   |
|--------------------|--------------------|---------------------------------------------------------------------------------------------------|
| W-CT-CI-R          | Template: DEFAULT  | (EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization |
| Chlordane          |                    |                                                                                                   |
| Toxaphene          |                    |                                                                                                   |
| W-PCB-TQ-R         | Template: DEFAULT  | (EPA 8270E) PCBs in water matrices by GC/MS/MS                                                    |
| PCB-1016           |                    |                                                                                                   |
| PCB-1221           |                    |                                                                                                   |
| PCB-1232           |                    |                                                                                                   |
| PCB-1242           |                    |                                                                                                   |
| PCB-1248           |                    |                                                                                                   |
| PCB-1254           |                    |                                                                                                   |
| PCB-1260           |                    |                                                                                                   |
| W-PCL-TQ-R         | Template: DEFAULT  | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS      |
| *Hexachlorobenzene |                    |                                                                                                   |
| Aldrin             |                    |                                                                                                   |
| Alpha-BHC          |                    |                                                                                                   |
| Alpha-Chlordane    |                    |                                                                                                   |
| Beta-BHC           |                    |                                                                                                   |
| Beta-Cyfluthrin    |                    |                                                                                                   |
| Bifenthrin         |                    |                                                                                                   |
| Chlorothalonil     |                    |                                                                                                   |
| Cis-Nonachlor      |                    |                                                                                                   |

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

| Bottle Type:       | Number of Bottles: | Preserved With:                                                                              |
|--------------------|--------------------|----------------------------------------------------------------------------------------------|
| W-PCL-TQ-R         | Template: DEFAULT  | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS |
| Cypermethrin       |                    |                                                                                              |
| Dacthal            |                    |                                                                                              |
| DDD-p,p'           |                    |                                                                                              |
| DDE-p,p'           |                    |                                                                                              |
| DDT-p,p'           |                    |                                                                                              |
| Delta-BHC          |                    |                                                                                              |
| Deltamethrin       |                    |                                                                                              |
| Dichlobenil        |                    |                                                                                              |
| Dicofol            |                    |                                                                                              |
| Dieldrin           |                    |                                                                                              |
| Endosulfan I       |                    |                                                                                              |
| Endosulfan II      |                    |                                                                                              |
| Endosulfan Sulfate |                    |                                                                                              |
| Endrin             |                    |                                                                                              |
| Endrin Aldehyde    |                    |                                                                                              |
| Endrin Ketone      |                    |                                                                                              |
| Esfenvalerate      |                    |                                                                                              |
| Ethalfuralin       |                    |                                                                                              |
| Fenpropathrin      |                    |                                                                                              |
| Gamma-BHC          |                    |                                                                                              |
| Gamma-Chlordane    |                    |                                                                                              |
| Heptachlor         |                    |                                                                                              |
| Heptachlor Epoxide |                    |                                                                                              |
| Kepone             |                    |                                                                                              |
| Lambda-Cyhalothrin |                    |                                                                                              |
| Methoprene         |                    |                                                                                              |
| Methoxychlor       |                    |                                                                                              |
| MGK-264            |                    |                                                                                              |
| Mirex              |                    |                                                                                              |
| Oxychlordane       |                    |                                                                                              |
| Permethrin         |                    |                                                                                              |
| Phenothrin         |                    |                                                                                              |
| Piperonyl Butoxide |                    |                                                                                              |
| Prallethrin        |                    |                                                                                              |
| Tau-Fluvalinate    |                    |                                                                                              |
| Tetramethrin       |                    |                                                                                              |
| Trans-Nonachlor    |                    |                                                                                              |
| Triclosan Methyl   |                    |                                                                                              |
| Trifluralin        |                    |                                                                                              |

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