

Date of Request: 10-MAY-2021  
 Created By: PARRISH\_J On: 10-MAY-2021  
 Modified By: JASROTIA\_P On: 21-MAY-2021  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Event Description: LSJR Southside Miramar

**Send Coolers To:**

Phone: 904-256-1700  
 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: A  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 18-MAY-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 21-MAY-2021  
 Sampling Kit Required: YES Ship on: 07-JUN-2021  
 Sampling Kit Shipped:  
 Sampling Kit Packed By:  
 Preservatives Needed: NO  
 Date to Receive Samples: 21-JUN-2021  
 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.-Fresh)Nutrients, PCL\_TQR  
 Group B: (Surf.-Fresh) Metals, PCL\_TQR  
 Group C:(Blank)Metals, PCL-TQR

NE-ALS-ECQ  
 NE-ALS-ENQ

Packing Notes:

**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-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 |

**Bottle Group A (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-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: BG-500ML      | Number of Bottles: 4 | Preserved With: ICE                                                                                          |
| W-PCL-TQ-R                 | Template: DEFAULT    | (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS                 |
| *Beta-Cyfluthrin           |                      |                                                                                                              |
| *Bifenthrin                |                      |                                                                                                              |
| *Cis-Nonachlor             |                      |                                                                                                              |
| *Dacthal                   |                      |                                                                                                              |
| *Deltamethrin              |                      |                                                                                                              |
| *Dichlobenil               |                      |                                                                                                              |
| *Esfenvalerate             |                      |                                                                                                              |
| *Ethalfuralin              |                      |                                                                                                              |
| *Fenpropathrin             |                      |                                                                                                              |
| *Kepone                    |                      |                                                                                                              |
| *Lambda-Cyhalothrin        |                      |                                                                                                              |
| *MGK-264                   |                      |                                                                                                              |
| *Phenothrin                |                      |                                                                                                              |
| *Piperonyl Butoxide        |                      |                                                                                                              |
| *Prallethrin               |                      |                                                                                                              |
| *Tau-Fluvalinate           |                      |                                                                                                              |
| *Tetramethrin              |                      |                                                                                                              |
| *Trans-Nonachlor           |                      |                                                                                                              |
| *Triclosan Methyl          |                      |                                                                                                              |
| 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         |                      |                                                                                                              |

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

Bottle Type: BG-500ML      Number of Bottles: 4      Preserved With: ICE  
 W-PCL-TQ-R      Template: DEFAULT      (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS  
 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 B (Water) With 1 Samples:**

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  
 Manganese  
 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  
 Beryllium  
 Cadmium  
 Chromium  
 Copper  
 Lead  
 Nickel  
 Selenium  
 Silver  
 Thallium

Bottle Type: BG-500ML      Number of Bottles: 2      Preserved With: ICE  
 W-PCL-TQ-R      Template: DEFAULT      (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS  
 \*Beta-Cyfluthrin  
 \*Bifenthrin  
 \*Cis-Nonachlor  
 \*Dacthal  
 \*Deltamethrin  
 \*Dichlobenil  
 \*Esfenvalerate  
 \*Ethalfluralin  
 \*Fenpropathrin  
 \*Kepone  
 \*Lambda-Cyhalothrin  
 \*MGK-264  
 \*Phenothrin  
 \*Piperonyl Butoxide  
 \*Prallethrin  
 \*Tau-Fluvalinate  
 \*Tetramethrin  
 \*Trans-Nonachlor  
 \*Triclosan Methyl  
 Aldrin

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

Bottle Type: BG-500ML      Number of Bottles: 2      Preserved With: ICE  
 W-PCL-TQ-R      Template: DEFAULT      (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

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 Group C (Water) With 1 Samples:**

Bottle Type: P-500ML      Number of Bottles: 1      Preserved With: HNO3  
 W-ICP      Template:      (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Barium  
 Calcium  
 Iron  
 Magnesium  
 Manganese  
 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  
 Beryllium  
 Cadmium  
 Chromium  
 Copper  
 Lead  
 Nickel  
 Selenium  
 Silver  
 Thallium

Bottle Type: BG-500ML      Number of Bottles: 2      Preserved With: ICE  
 W-PCL-TQ-R      Template: DEFAULT      (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

\*Beta-Cyfluthrin  
 \*Bifenthrin  
 \*Cis-Nonachlor

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

Bottle Type: BG-500ML

Number of Bottles: 2

Preserved With: ICE

W-PCL-TQ-R Template: DEFAULT (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

\*Dacthal  
\*Deltamethrin  
\*Dichlobenil  
\*Esfenvalerate  
\*Ethalfuralin  
\*Fenpropathrin  
\*Kepone  
\*Lambda-Cyhalothrin  
\*MGK-264  
\*Phenothrin  
\*Piperonyl Butoxide  
\*Prallethrin  
\*Tau-Fluvalinate  
\*Tetramethrin  
\*Trans-Nonachlor  
\*Triclosan Methyl  
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

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