

Date of Request: 24-AUG-2021  
 Created By: PARRISH\_J On: 24-AUG-2021  
 Modified By: JASROTIA\_P On: 30-AUG-2021  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Event Description: LSJR East make up

**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: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 26-AUG-2021  
 Biology Request Reviewed By: JASROTIA\_P On: 30-AUG-2021  
 Sampling Kit Required: YES Ship on: 10-SEP-2021  
 Sampling Kit Shipped: YES On: 09-SEP-2021  
 Sampling Kit Packed By: MCCOY\_I  
 Preservatives Needed: NO  
 Date to Receive Samples: 20-SEP-2021  
 Logged In By: MCCOY\_I On: 17-SEP-2021

**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,Metals,Bacteria  
 Group B:(Surf.fresh)Nutrients, Bacteria, tracer,PCR

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 CaCO <sub>3</sub> /L                                                                 |
| Total Alkalinity             |                      |                                                                                                                           |
| TURBIDITY Template: DEFAULT  | (EPA 180.1 Rev. 2.0) | Turbidity in aqueous matrices                                                                                             |
| Turbidity                    |                      |                                                                                                                           |
| W-F Template: DEFAULT        | (SM 4500 F-C-2011)   | Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                       |
| Fluoride                     |                      |                                                                                                                           |
| W-TSS Template: DEFAULT      | (SM 2540 D-2011)     | Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                            |
| TSS                          |                      |                                                                                                                           |
| Bottle Type: BP-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                                       |
| CHLSUITE-W Template: DEFAULT | (SM 10200 H (mod.))  | Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                  |
| Chlorophyll-a, Corrected     |                      |                                                                                                                           |
| Chlorophyll-a, Uncorrected   |                      |                                                                                                                           |
| Phaeophytin-a                |                      |                                                                                                                           |
| Bottle Type: P-250ML-WI-THI  | Number of Bottles: 1 | Preserved With: ICE                                                                                                       |
| NE-ALS-ENQ Template: DEFAULT | (ASTM D650399)       | Enterococci by Enterolert/QT by ALS in Jacksonville                                                                       |
| ENTEROCOCCI-ENTEROLERT       |                      |                                                                                                                           |
| Bottle Type: P-500ML         | Number of Bottles: 1 | Preserved With: HNO <sub>3</sub>                                                                                          |
| 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 |

**Bottle Group A (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 |
| Calcium              |                      |                                                                                                                                                |
| Iron                 |                      |                                                                                                                                                |
| Magnesium            |                      |                                                                                                                                                |
| Manganese            |                      |                                                                                                                                                |
| Zinc                 |                      |                                                                                                                                                |
| W-ICPMS              | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| Aluminum             |                      |                                                                                                                                                |
| Antimony             |                      |                                                                                                                                                |
| Arsenic              |                      |                                                                                                                                                |
| Beryllium            |                      |                                                                                                                                                |
| Cadmium              |                      |                                                                                                                                                |
| Chromium             |                      |                                                                                                                                                |
| Copper               |                      |                                                                                                                                                |
| Lead                 |                      |                                                                                                                                                |
| Nickel               |                      |                                                                                                                                                |
| Selenium             |                      |                                                                                                                                                |
| Silver               |                      |                                                                                                                                                |
| Thallium             |                      |                                                                                                                                                |
| Bottle Type: P-500ML | Number of Bottles: 1 | Preserved With: ICE And H2SO4                                                                                                                  |
| W-NH3                | Template: DEFAULT    | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                                                     |
| Ammonia-N            |                      |                                                                                                                                                |
| W-NO2NO3             | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                                                             |
| NO2NO3-N             |                      |                                                                                                                                                |
| W-S-A-TP             | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                                                            |
| Total-P              |                      |                                                                                                                                                |
| W-TKN                | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                                                               |
| Kjeldahl Nitrogen    |                      |                                                                                                                                                |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                                                                               |
| Organic Carbon       |                      |                                                                                                                                                |
| Bottle Type: P-125ML | Number of Bottles: 1 | Preserved With: FILTER-ICE                                                                                                                     |
| W-PO4-F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                                                       |
| O-Phosphate-P        |                      |                                                                                                                                                |

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

|                           |                      |                                                                                                                                               |
|---------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: QPCR-P-500ML | Number of Bottles: 1 | Preserved With: ICE                                                                                                                           |
| PCR-BACR                  | Template: DEFAULT    | (SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction |
| *BacR-qPCR                |                      |                                                                                                                                               |
| PCR-DG3                   | Template: DEFAULT    | (SOP-PCR-1.5) Detection and quantification of canine-specific DG3 Bacteroides genetic marker with quantitative polymerase chain reaction      |
| *DG3-qPCR                 |                      |                                                                                                                                               |
| PCR-HF183                 | Template: DEFAULT    | (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction     |
| *HF183-qPCR               |                      |                                                                                                                                               |
| Bottle Type: BG-500ML     | Number of Bottles: 1 | Preserved With: ICE                                                                                                                           |
| W-E8321-DI                | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                       |
| Acesulfame K              |                      |                                                                                                                                               |
| AMPA                      |                      |                                                                                                                                               |
| Endothall                 |                      |                                                                                                                                               |
| Glufosinate               |                      |                                                                                                                                               |
| Glyphosate                |                      |                                                                                                                                               |
| Sucralose                 |                      |                                                                                                                                               |
| W-E8321-MS                | Template: SMP/96%    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                       |
| 2,4-D                     |                      |                                                                                                                                               |
| 2,4,5-T                   |                      |                                                                                                                                               |
| Acetaminophen             |                      |                                                                                                                                               |
| Acetamiprid               |                      |                                                                                                                                               |
| Afidopyropen              |                      |                                                                                                                                               |

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

Bottle Type: BG-500ML      Number of Bottles: 1      Preserved With: ICE  
 W-E8321-MS      Template: SMP/96%      (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bentazon  
 Benzovindiflupyr  
 Carbamazepine  
 Clothianidin  
 Dinotefuran  
 Diuron  
 Fenuron  
 Fluridone  
 Hydrocodone  
 Ibuprofen  
 Imazapyr  
 Imidacloprid  
 Linuron  
 Mandestrobin  
 MCPP  
 Naproxen  
 Primidone  
 Pyraclostrobin  
 Thiamethoxam  
 Tolfenpyrad  
 Triclopyr

Bottle Type: P-500ML      Number of Bottles: 1      Preserved With: ICE And H2SO4  
 W-NH3      Template: DEFAULT      (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L  
 Ammonia-N  
 W-NO2NO3      Template: DEFAULT      (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L  
 NO2NO3-N  
 W-S-A-TP      Template: DEFAULT      (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L  
 Total-P  
 W-TKN      Template: DEFAULT      (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices  
 Kjeldahl Nitrogen  
 W-TOC      Template: DEFAULT      (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices  
 Organic Carbon

Bottle Type: P-125ML      Number of Bottles: 1      Preserved With: FILTER-ICE  
 W-PO4-F      Template: DEFAULT      (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L  
 O-Phosphate-P

Bottle Type: P-1L      Number of Bottles: 1      Preserved With: ICE  
 ALKALINITY      Template: DEFAULT      (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L  
 Total Alkalinity  
 TURBIDITY      Template: DEFAULT      (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices  
 Turbidity  
 W-CL-IC      Template: DEFAULT      (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices  
 Chloride  
 W-COLOR      Template: DEFAULT      (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)  
 Color (true)  
 W-F      Template: DEFAULT      (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)  
 Fluoride  
 W-SO4-IC      Template: DEFAULT      (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices  
 Sulfate  
 W-TDS      Template: DEFAULT      (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices  
 TDS  
 W-TSS      Template: DEFAULT      (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample  
 TSS

Bottle Type: BP-1L      Number of Bottles: 1      Preserved With: ICE  
 CHLSUITE-W      Template: DEFAULT      (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry  
 Chlorophyll-a, Corrected  
 Chlorophyll-a, Uncorrected

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

|                              |                      |                                                                                                              |
|------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                   | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Phaeophytin-a                |                      |                                                                                                              |
| Bottle Type: P-250ML-WI-THI  | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| NE-ALS-ECQ                   | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville                                        |
| Escherichia Coli-Quanti-Tray |                      |                                                                                                              |

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