

Date of Request: 22-JUL-2020  
 Created By: PARRISH\_J On: 22-JUL-2020  
 Modified By: JASROTIA\_P On: 28-JUL-2020  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Event Description: Extra Priority allocations NEROC

**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: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: JASROTIA\_P On: 28-JUL-2020  
 Biology Request Reviewed By: JASROTIA\_P On: 28-JUL-2020  
 Sampling Kit Required: YES Ship on: 07-AUG-2020  
 Sampling Kit Shipped: YES On: 03-AUG-2020  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 17-AUG-2020  
 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, Metals, Tracers Bacteria  
 Group B: (Surf-Fresh) Nutrients, Bacteria  
 Group C: (Surf-Fresh) Bacteria  
 Group D: (Surf.-Salt) Nutrients, Metals, Tracers, Bacteria

NE-ALS-ECQ

Packing Notes:  
 None

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

|                       |                      |                                                                                                        |
|-----------------------|----------------------|--------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L     | Number of Bottles: 2 | 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-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-SO <sub>4</sub> -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: 2 | Preserved With: ICE                                                                                    |

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

|                              |                      |                                                                                                                                                |
|------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BP-1L           | Number of Bottles: 2 | 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: 2 | Preserved With: ICE                                                                                                                            |
| NE-ALS-ECQ                   | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville                                                                          |
| Escherichia Coli-Quanti-Tray |                      |                                                                                                                                                |
| Bottle Type: BG-500ML        | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| W-E8321-DI                   | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| *Acesulfame K                |                      |                                                                                                                                                |
| *AMPA                        |                      |                                                                                                                                                |
| *Endothall                   |                      |                                                                                                                                                |
| *Glufosinate                 |                      |                                                                                                                                                |
| *Glyphosate                  |                      |                                                                                                                                                |
| *Sucralose                   |                      |                                                                                                                                                |
| W-E8321-MS                   | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| *Acetaminophen               |                      |                                                                                                                                                |
| *Acetamiprid                 |                      |                                                                                                                                                |
| *Afidopyropen                |                      |                                                                                                                                                |
| *Benzovindiflupyr            |                      |                                                                                                                                                |
| *Carbamazepine               |                      |                                                                                                                                                |
| *Clothianidin                |                      |                                                                                                                                                |
| *Dinotefuran                 |                      |                                                                                                                                                |
| *Fluridone                   |                      |                                                                                                                                                |
| *Hydrocodone                 |                      |                                                                                                                                                |
| *Ibuprofen                   |                      |                                                                                                                                                |
| *Imazapyr                    |                      |                                                                                                                                                |
| *Mandestrobin                |                      |                                                                                                                                                |
| *Naproxen                    |                      |                                                                                                                                                |
| *Primidone                   |                      |                                                                                                                                                |
| *Pyraclostrobin              |                      |                                                                                                                                                |
| *Thiamethoxam                |                      |                                                                                                                                                |
| *Tolfenpyrad                 |                      |                                                                                                                                                |
| *Triclopyr                   |                      |                                                                                                                                                |
| 2,4-D                        |                      |                                                                                                                                                |
| Bentazon                     |                      |                                                                                                                                                |
| Diuron                       |                      |                                                                                                                                                |
| Fenuron                      |                      |                                                                                                                                                |
| Imidacloprid                 |                      |                                                                                                                                                |
| Linuron                      |                      |                                                                                                                                                |
| MCPP                         |                      |                                                                                                                                                |
| Bottle Type: P-500ML         | Number of Bottles: 2 | Preserved With: HNO3                                                                                                                           |
| W-HARD                       | Template: DEFAULT    | (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                                                                |
| Hardness                     |                      |                                                                                                                                                |
| W-ICP                        | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium                       |                      |                                                                                                                                                |
| Calcium                      |                      |                                                                                                                                                |
| Iron                         |                      |                                                                                                                                                |
| Magnesium                    |                      |                                                                                                                                                |
| Potassium                    |                      |                                                                                                                                                |
| Sodium                       |                      |                                                                                                                                                |
| Zinc                         |                      |                                                                                                                                                |
| W-ICPMS                      | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| *Boron                       |                      |                                                                                                                                                |
| Aluminum                     |                      |                                                                                                                                                |
| Antimony                     |                      |                                                                                                                                                |
| Arsenic                      |                      |                                                                                                                                                |

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

|                      |                      |                                                                                                                             |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | Preserved With: HNO3                                                                                                        |
| W-ICPMS              | Template:            | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects |
| Cadmium              |                      |                                                                                                                             |
| Chromium             |                      |                                                                                                                             |
| Copper               |                      |                                                                                                                             |
| Lead                 |                      |                                                                                                                             |
| Nickel               |                      |                                                                                                                             |
| Selenium             |                      |                                                                                                                             |
| Silver               |                      |                                                                                                                             |
| Thallium             |                      |                                                                                                                             |
| Bottle Type: P-500ML | Number of Bottles: 2 | 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: 2 | 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 2 Samples:**

|                              |                      |                                                                                                        |
|------------------------------|----------------------|--------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI  | Number of Bottles: 2 | Preserved With: ICE                                                                                    |
| NE-ALS-ECQ                   | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville                                  |
| Escherichia Coli-Quanti-Tray |                      |                                                                                                        |
| Bottle Type: P-500ML         | Number of Bottles: 2 | 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: 2 | 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: 2 | Preserved With: ICE                                                                                    |
| ALKALINITY                   | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                          |
| Total Alkalinity             |                      |                                                                                                        |
| TURBIDITY                    | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                     |
| Turbidity                    |                      |                                                                                                        |
| W-CL-IC                      | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                      |
| Chloride                     |                      |                                                                                                        |
| W-COLOR                      | Template: DEFAULT    | (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                        |
| Color (true)                 |                      |                                                                                                        |
| W-F                          | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring) |
| Fluoride                     |                      |                                                                                                        |
| W-SO4-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                       |
| Sulfate                      |                      |                                                                                                        |
| W-TDS                        | Template: DEFAULT    | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                            |
| TDS                          |                      |                                                                                                        |

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

|                            |                      |                                                                                                              |
|----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L          | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| W-TSS                      | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |
| TSS                        |                      |                                                                                                              |
| Bottle Type: BP-1L         | Number of Bottles: 2 | 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 Group C (Water) With 2 Samples:**

|                              |                      |                                                                       |
|------------------------------|----------------------|-----------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI  | Number of Bottles: 2 | Preserved With: ICE                                                   |
| NE-ALS-ECQ                   | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville |
| Escherichia Coli-Quanti-Tray |                      |                                                                       |

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

|                                 |                      |                                                                                                              |
|---------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L               | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| ALKALINITY                      | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO3/L                                                |
| Total Alkalinity                |                      |                                                                                                              |
| TURBIDITY                       | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| Turbidity                       |                      |                                                                                                              |
| W-BR-IC                         | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Bromide in aqueous matrices                                                             |
| Bromide                         |                      |                                                                                                              |
| W-F                             | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)       |
| Fluoride                        |                      |                                                                                                              |
| W-TSS                           | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |
| TSS                             |                      |                                                                                                              |
| Bottle Type: BP-1L              | Number of Bottles: 2 | 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: 2 | Preserved With: ICE                                                                                          |
| NE-ALS-ENQ                      | Template: DEFAULT    | (ASTM D650399) Enterococci by Enterolert/QT by ALS in Jacksonville                                           |
| ENTEROCOCCI-ENTEROLERT          |                      |                                                                                                              |
| Bottle Type: P-250ML-WI-THI     | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| NE-ALS-FC                       | Template: DEFAULT    | (SM 9222 D) Fecal coliforms by MF by ALS in Jacksonville                                                     |
| Fecal Coliforms-Membrane Filter |                      |                                                                                                              |
| Bottle Type: BG-500ML           | Number of Bottles: 2 | Preserved With: ICE                                                                                          |
| W-E8321-DI                      | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                      |
| *Acesulfame K                   |                      |                                                                                                              |
| *AMPA                           |                      |                                                                                                              |
| *Endothall                      |                      |                                                                                                              |
| *Glufosinate                    |                      |                                                                                                              |
| *Glyphosate                     |                      |                                                                                                              |
| *Sucralose                      |                      |                                                                                                              |
| W-E8321-MS                      | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                      |
| *Acetaminophen                  |                      |                                                                                                              |
| *Acetamiprid                    |                      |                                                                                                              |
| *Afidopyropen                   |                      |                                                                                                              |
| *Benzovindiflupyr               |                      |                                                                                                              |
| *Carbamazepine                  |                      |                                                                                                              |
| *Clothianidin                   |                      |                                                                                                              |
| *Dinotefuran                    |                      |                                                                                                              |
| *Fluridone                      |                      |                                                                                                              |
| *Hydrocodone                    |                      |                                                                                                              |
| *Ibuprofen                      |                      |                                                                                                              |
| *Imazapyr                       |                      |                                                                                                              |
| *Mandestrobin                   |                      |                                                                                                              |

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

|                                                                                                                                                                        |                      |                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML                                                                                                                                                  | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| W-E8321-MS                                                                                                                                                             | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| *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 |                      |                                                                                                                                                |
| Bottle Type: P-500ML                                                                                                                                                   | Number of Bottles: 2 | Preserved With: HNO3                                                                                                                           |
| W-ICP                                                                                                                                                                  | Template: S-METALS   | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Iron<br>Manganese<br>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<br>Antimony<br>Arsenic<br>Cadmium<br>Chromium<br>Copper<br>Lead<br>Nickel<br>Selenium<br>Silver<br>Thallium                                                   |                      |                                                                                                                                                |
| Bottle Type: P-500ML                                                                                                                                                   | Number of Bottles: 2 | 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: 2 | 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                                                                                                                                                          |                      |                                                                                                                                                |

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