

Date of Request: 06-APR-2022  
 Created By: PARRISH\_J On: 06-APR-2022  
 Modified By: PARRISH\_J On: 06-APR-2022  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Event Description: Gainesville 2022

**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: P  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By:  
 Biology Request Reviewed By:  
 Sampling Kit Required: YES Ship on: 18-APR-2022  
 Sampling Kit Shipped:  
 Sampling Kit Packed By:  
 Preservatives Needed: NO  
 Date to Receive Samples: 02-MAY-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-fresh) Nutrients,Metal, Bacteria  
 Group B: (Surf fresh)Metals, Bacteria  
 Grp C:(Surf.Fresh)Bacteria  
 Grp D:(Surf.Fresh)Nutrients

NE-DIV-ECQ

Packing Notes:

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

| Bottle Type:                 | Number of Bottles:      | Preserved With:                                                                          |
|------------------------------|-------------------------|------------------------------------------------------------------------------------------|
| ALKALINITY Template: DEFAULT | (SM 2320 B-2011)        | Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                |
| Total Alkalinity             |                         |                                                                                          |
| CHLSUITE-W Template: DEFAULT | (SM 10200 H (mod.))     | Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Chlorophyll-a, Corrected     |                         |                                                                                          |
| Chlorophyll-a, Uncorrected   |                         |                                                                                          |
| Phaeophytin-a                |                         |                                                                                          |
| NE-DIV-ECQ Template: DEFAULT | (SM 9223 B Quanti-Tray) | E. coli by Colilert/QT by Diversified Environmental Laboratories in Jacksonville         |
| Escherichia Coli-Quanti-Tray |                         |                                                                                          |
| TURBIDITY Template: DEFAULT  | (EPA 180.1 Rev. 2.0)    | Turbidity in aqueous matrices                                                            |
| Turbidity                    |                         |                                                                                          |
| W-CL-IC Template: DEFAULT    | (EPA 300.0 Rev. 2.1)    | Chloride in aqueous matrices                                                             |
| Chloride                     |                         |                                                                                          |
| W-COLOR Template: DEFAULT    | (DEP SOP: NU-094-1)     | 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)      |

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

| Bottle Type:      | Number of Bottles:  | Preserved With:                                                                                                                                |
|-------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| W-F               | Template: DEFAULT   | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)                                        |
| Fluoride          |                     |                                                                                                                                                |
| W-HARD            | Template: DEFAULT   | (SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO <sub>3</sub>                                              |
| Hardness          |                     |                                                                                                                                                |
| W-ICP             | 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 |
| Calcium           |                     |                                                                                                                                                |
| Iron              |                     |                                                                                                                                                |
| Magnesium         |                     |                                                                                                                                                |
| Potassium         |                     |                                                                                                                                                |
| Sodium            |                     |                                                                                                                                                |
| Strontium         |                     |                                                                                                                                                |
| Tin               |                     |                                                                                                                                                |
| Titanium          |                     |                                                                                                                                                |
| Vanadium          |                     |                                                                                                                                                |
| Zinc              |                     |                                                                                                                                                |
| W-ICPMS           | Template: DEFAULT   | (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           |                     |                                                                                                                                                |
| Barium            |                     |                                                                                                                                                |
| Beryllium         |                     |                                                                                                                                                |
| Cadmium           |                     |                                                                                                                                                |
| Chromium          |                     |                                                                                                                                                |
| Cobalt            |                     |                                                                                                                                                |
| Copper            |                     |                                                                                                                                                |
| Lead              |                     |                                                                                                                                                |
| Manganese         |                     |                                                                                                                                                |
| Molybdenum        |                     |                                                                                                                                                |
| Nickel            |                     |                                                                                                                                                |
| Selenium          |                     |                                                                                                                                                |
| Silver            |                     |                                                                                                                                                |
| Thallium          |                     |                                                                                                                                                |
| 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-SO4-IC          | Template: DEFAULT   | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                               |
| Sulfate           |                     |                                                                                                                                                |
| W-TDS             | Template: DEFAULT   | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                                                                    |
| TDS               |                     |                                                                                                                                                |
| W-TKN             | Template: DEFAULT   | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                                                               |
| Kjeldahl Nitrogen |                     |                                                                                                                                                |
| W-TOC             | Template: DEFAULT   | (SM 5310 B-2011) Nonpurgeable Organic Carbon in aqueous matrices                                                                               |
| Organic Carbon    |                     |                                                                                                                                                |
| W-TSS             | Template: DEFAULT   | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample                                                |
| TSS               |                     |                                                                                                                                                |

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

| Bottle Type:                 | Number of Bottles: | Preserved With:                                                                                          |
|------------------------------|--------------------|----------------------------------------------------------------------------------------------------------|
| NE-DIV-ECQ                   | Template: DEFAULT  | (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by Diversified Environmental Laboratories in Jacksonville |
| Escherichia Coli-Quanti-Tray |                    |                                                                                                          |
| W-HARD                       | Template: DEFAULT  | (SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO <sub>3</sub>        |
| Hardness                     |                    |                                                                                                          |

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

| Bottle Type: | Number of Bottles:  | Preserved With:                                                                                                                                |
|--------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| W-ICP        | 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 |
| Calcium      |                     |                                                                                                                                                |
| Iron         |                     |                                                                                                                                                |
| Magnesium    |                     |                                                                                                                                                |
| Potassium    |                     |                                                                                                                                                |
| Sodium       |                     |                                                                                                                                                |
| Strontium    |                     |                                                                                                                                                |
| Tin          |                     |                                                                                                                                                |
| Titanium     |                     |                                                                                                                                                |
| Vanadium     |                     |                                                                                                                                                |
| Zinc         |                     |                                                                                                                                                |
| W-ICPMS      | Template: DEFAULT   | (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      |                     |                                                                                                                                                |
| Barium       |                     |                                                                                                                                                |
| Beryllium    |                     |                                                                                                                                                |
| Cadmium      |                     |                                                                                                                                                |
| Chromium     |                     |                                                                                                                                                |
| Cobalt       |                     |                                                                                                                                                |
| Copper       |                     |                                                                                                                                                |
| Lead         |                     |                                                                                                                                                |
| Manganese    |                     |                                                                                                                                                |
| Molybdenum   |                     |                                                                                                                                                |
| Nickel       |                     |                                                                                                                                                |
| Selenium     |                     |                                                                                                                                                |
| Silver       |                     |                                                                                                                                                |
| Thallium     |                     |                                                                                                                                                |

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

| Bottle Type:                 | Number of Bottles: | Preserved With:                                                                                            |
|------------------------------|--------------------|------------------------------------------------------------------------------------------------------------|
| ECOLI-18QT                   | Template: DEFAULT  | (SM 9223 B Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems |
| Escherichia Coli-Quanti-Tray |                    |                                                                                                            |

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

| Bottle Type:               | Number of Bottles: | Preserved With:                                                                                              |
|----------------------------|--------------------|--------------------------------------------------------------------------------------------------------------|
| ALKALINITY                 | Template: DEFAULT  | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                   |
| Total Alkalinity           |                    |                                                                                                              |
| CHLSUITE-W                 | Template: DEFAULT  | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Chlorophyll-a, Corrected   |                    |                                                                                                              |
| Chlorophyll-a, Uncorrected |                    |                                                                                                              |
| Phaeophytin-a              |                    |                                                                                                              |
| 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-F                        | Template: DEFAULT  | (SM 4500-F- C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)      |
| Fluoride                   |                    |                                                                                                              |
| W-NH3                      | Template: DEFAULT  | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                   |
| Ammonia-N                  |                    |                                                                                                              |
| W-NO2NO3                   | Template: DEFAULT  | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                           |
| NO2NO3-N                   |                    |                                                                                                              |
| W-S-A-TP                   | Template: DEFAULT  | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                          |
| Total-P                    |                    |                                                                                                              |

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

| Bottle Type:               | Number of Bottles: | Preserved With:                                                                                 |
|----------------------------|--------------------|-------------------------------------------------------------------------------------------------|
| 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 |

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