

Date of Request: 10-FEB-2020  
 Created By: PASWATER\_B On: 10-FEB-2020  
 Modified By: JASROTIA\_P On: 10-FEB-2020  
 Customer: SW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Southwest District  
 Sampling Event: SCIs

**Send Coolers To:**

Phone: 813-632-7600  
 FL Dept. of Environmental Protection  
 13051 N. Telecom Parkway  
 Temple Terrace, FL 33637-0926  
 Attn: Ben Paswater

Program Module Number:  
 Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 10-FEB-2020  
 Biology Request Reviewed By: JASROTIA\_P On: 10-FEB-2020  
 Sampling Kit Required: YES Ship on: 14-FEB-2020  
 Sampling Kit Shipped: YES On: 12-FEB-2020  
 Sampling Kit Packed By: MCCOY\_I  
 Preservatives Needed: NO  
 Date to Receive Samples: 24-FEB-2020  
 Received By: REYNOLDS\_T On: 11-MAR-2020

**Send Final Report To:**

FL Dept. of Environmental Protection  
 13051 N. Telecom Parkway  
 Temple Terrace, FL 33637-0926  
 Attn: Ben Paswater

Report Type: Final Only  
 FTP Data: NO  
 QC Report: YES  
 Date Log: NO  
 Authorization Log: NO

Comments:

**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-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: 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                                                                                          |
| SW-AEL-ECQ                   | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by AEL in Tampa                                            |
| 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                      |

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

|                                                                                                                                                                                                                                    |                      |                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 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<br>*AMPA<br>*Endothall<br>*Glufosinate<br>*Glyphosate<br>*Sucralose                                                                                                                                                  |                      |                                                                                                                                                |
| W-E8321-MS                                                                                                                                                                                                                         | Template:            | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| *Acetaminophen<br>*Carbamazepine<br>*Fluridone<br>*Hydrocodone<br>*Ibuprofen<br>*Imazapyr<br>*Naproxen<br>*Primidone<br>*Pyraclostrobin<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-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<br>Calcium<br>Iron<br>Magnesium<br>Potassium<br>Sodium<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                    |
| *Boron<br>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                                                                                                                                                                                                                  |                      |                                                                                                                                                |

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

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 2 | Preserved With: ICE And H2SO4                                                            |
| 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: BG-1L   | Number of Bottles: 6 | Preserved With: ICE                                                                      |
| W-PSNP-TQ            | Template: MASTERLIST | (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS       |
| *Dimethenamid        |                      |                                                                                          |
| *Dithiopyr           |                      |                                                                                          |
| *Fipronil Desulfinyl |                      |                                                                                          |
| *Flumioxazin         |                      |                                                                                          |
| *Imazalil            |                      |                                                                                          |
| *Oxadiazon           |                      |                                                                                          |
| *Prodiamine          |                      |                                                                                          |
| *Pronamide           |                      |                                                                                          |
| *Propiconazole       |                      |                                                                                          |
| *Sulfentrazone       |                      |                                                                                          |
| *Tebuconazole        |                      |                                                                                          |
| Acetochlor           |                      |                                                                                          |
| Alachlor             |                      |                                                                                          |
| Ametryn              |                      |                                                                                          |
| Atrazine             |                      |                                                                                          |
| Atrazine Desethyl    |                      |                                                                                          |
| Azinphos Methyl      |                      |                                                                                          |
| Bromacil             |                      |                                                                                          |
| Butylate             |                      |                                                                                          |
| Carbophenothion      |                      |                                                                                          |
| Chlorpyrifos Ethyl   |                      |                                                                                          |
| Chlorpyrifos Methyl  |                      |                                                                                          |
| Cyanazine            |                      |                                                                                          |
| Demeton              |                      |                                                                                          |
| Diazinon             |                      |                                                                                          |
| Disulfoton           |                      |                                                                                          |
| EPTC                 |                      |                                                                                          |
| Ethion               |                      |                                                                                          |
| Ethoprop             |                      |                                                                                          |
| Fenamiphos           |                      |                                                                                          |
| Fipronil             |                      |                                                                                          |
| Fipronil Sulfide     |                      |                                                                                          |
| Fipronil Sulfone     |                      |                                                                                          |
| Fonofos              |                      |                                                                                          |
| Hexazinone           |                      |                                                                                          |
| Malathion            |                      |                                                                                          |
| Metalaxyl            |                      |                                                                                          |
| Metolachlor          |                      |                                                                                          |
| Metribuzin           |                      |                                                                                          |
| Mevinphos            |                      |                                                                                          |
| Molinate             |                      |                                                                                          |
| Norflurazon          |                      |                                                                                          |
| Parathion Ethyl      |                      |                                                                                          |
| Parathion Methyl     |                      |                                                                                          |
| Pendimethalin        |                      |                                                                                          |
| Phorate              |                      |                                                                                          |
| Prometon             |                      |                                                                                          |
| Prometryn            |                      |                                                                                          |
| Simazine             |                      |                                                                                          |
| Terbufos             |                      |                                                                                          |
| Terbutylazine        |                      |                                                                                          |

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

|                    |                      |                          |
|--------------------|----------------------|--------------------------|
| Bottle Type: PJ-2L | Number of Bottles: 4 | Preserved With: Formalin |
|--------------------|----------------------|--------------------------|

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

|                                           |                              |                                                             |
|-------------------------------------------|------------------------------|-------------------------------------------------------------|
| Bottle Type: PJ-2L                        | Number of Bottles: 4         | Preserved With: Formalin                                    |
| MI-FW-QLDC                                | Template: DEFAULT (SOP-IZ06) | No. Taxa of FW macroinverts, qual samp, 20 dipnets.         |
| *Macroinvert-FW-Qual-DipnetX20-#Taxa-Rep2 |                              |                                                             |
| *Stream Condition Index (SCI)             |                              |                                                             |
| Bottle Type: PT-50ML                      | Number of Bottles: 2         | Preserved With: ICE                                         |
| ALGAL_ID                                  | Template: DEFAULT (SOP-AB05) | Qualitative assessment of algal taxa present without counts |
| *Dominant sample taxon                    |                              |                                                             |

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