

Date of Request: 27-FEB-2020  
 Created By: ASHTON\_J On: 27-FEB-2020  
 Modified By: JASROTIA\_P On: 05-MAR-2020  
 Customer: SW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Southwest District  
 Sampling Event: SCI- Peace above Troublesome

**Send Coolers To:**

Phone: 813-470-5772  
 FL Dept. of Environmental Protection  
 13051 N. Telecom Parkway  
 Temple Terrace, FL 33637-0926  
 Attn: Judy Ashton

Program Module Number:  
 Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 05-MAR-2020  
 Biology Request Reviewed By: JASROTIA\_P On: 05-MAR-2020  
 Sampling Kit Required: YES Ship on: 13-MAR-2020  
 Sampling Kit Shipped: YES On: 12-MAR-2020  
 Sampling Kit Packed By: KLUG\_K  
 Preservatives Needed: NO  
 Date to Receive Samples: 23-MAR-2020  
 Received By: MCCOY\_I On: 26-MAR-2020

**Send Final Report To:**

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

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

Comments: Group A: Nutrients, Metals, Tracers, Q-PSNP-TQ  
 Group B: SCI, Algae\_ID

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

|                             |                      |                                                                                                              |
|-----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L           | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| ALKALINITY                  | Template: DEFAULT    | (SM 2320 B-2011) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                   |
| Total Alkalinity            |                      |                                                                                                              |
| TURBIDITY                   | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                           |
| Turbidity                   |                      |                                                                                                              |
| W-CL-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                            |
| Chloride                    |                      |                                                                                                              |
| W-COLOR                     | Template: DEFAULT    | (SM 2120 B-2011) True Color measured at 450 nm (not valid for NPDES monitoring)                              |
| Color (true)                |                      |                                                                                                              |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)       |
| Fluoride                    |                      |                                                                                                              |
| W-SO4-IC                    | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                             |
| Sulfate                     |                      |                                                                                                              |
| W-TDS                       | Template: DEFAULT    | (SM 2540 C-2011) Total Dissolved Solids in aqueous matrices                                                  |
| TDS                         |                      |                                                                                                              |
| W-TSS                       | Template: DEFAULT    | (SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample              |
| TSS                         |                      |                                                                                                              |
| Bottle Type: BP-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| CHLSUITE-W                  | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry |
| Chlorophyll-a, Corrected    |                      |                                                                                                              |
| Chlorophyll-a, Uncorrected  |                      |                                                                                                              |
| Phaeophytin-a               |                      |                                                                                                              |
| Bottle Type: P-250ML-WI-THI | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| SW-AEL-ECQ                  | Template: DEFAULT    | (SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by AEL in Tampa                                            |

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

|                              |                      |                                                                                                                                                |
|------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI  | Number of Bottles: 1 | 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: 1 | Preserved With: ICE                                                                                                                            |
| W-E8321-DI                   | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS                                                        |
| *Acesulfame K                |                      |                                                                                                                                                |
| *AMPA                        |                      |                                                                                                                                                |
| *Endothall                   |                      |                                                                                                                                                |
| *Glufosinate                 |                      |                                                                                                                                                |
| *Glyphosate                  |                      |                                                                                                                                                |
| *Sucralose                   |                      |                                                                                                                                                |
| W-E8321-MS                   | Template: 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                      |                      |                                                                                                                                                |
| MCP                          |                      |                                                                                                                                                |
| Bottle Type: P-500ML         | Number of Bottles: 1 | Preserved With: HNO3                                                                                                                           |
| W-HARD                       | Template: DEFAULT    | (SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3                                                                |
| Hardness                     |                      |                                                                                                                                                |
| W-ICP                        | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Barium                       |                      |                                                                                                                                                |
| Calcium                      |                      |                                                                                                                                                |
| Iron                         |                      |                                                                                                                                                |
| Magnesium                    |                      |                                                                                                                                                |
| 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                      |                      |                                                                                                                                                |
| Cadmium                      |                      |                                                                                                                                                |
| Chromium                     |                      |                                                                                                                                                |
| Copper                       |                      |                                                                                                                                                |
| Lead                         |                      |                                                                                                                                                |
| Nickel                       |                      |                                                                                                                                                |
| Selenium                     |                      |                                                                                                                                                |

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

|                      |                      |                                                                                                                             |
|----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 1 | 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 |

Silver

Thallium

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

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

|                    |                      |                                                                                    |
|--------------------|----------------------|------------------------------------------------------------------------------------|
| Bottle Type: BG-1L | Number of Bottles: 4 | 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

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

Bottle Type: BG-1L      Number of Bottles: 4      Preserved With: ICE  
W-PSNP-TQ      Template: MASTERLIST      (EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS  
Molinate  
Norflurazon  
Parathion Ethyl  
Parathion Methyl  
Pendimethalin  
Phorate  
Prometon  
Prometryn  
Simazine  
Terbufos  
Terbutylazine

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

Bottle Type: PJ-2L      Number of Bottles: 2      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: 1      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.