

Date of Request: 09-NOV-2016  
 Created By: ASHTON\_J On: 09-NOV-2016  
 Modified By: MATTHEWS\_D On: 17-NOV-2016  
 Customer: SW-DIST  
 Project: SCIREF  
 Division: Division of Environmental Assessment and Restoration  
 District: Southwest District  
 Sampling Event: REF SCI

**Send Coolers To:**

Phone: 813-470-5951  
 FL Dept. of Environmental Protection  
 13051 N. Telecom Parkway  
 Temple Terrace, FL 33637-0926  
 Attn: Matthew Bearden

Program Module Number:  
 Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 14-NOV-2016  
 Biology Request Reviewed By: MATTHEWS\_D On: 17-NOV-2016  
 Sampling Kit Required: YES Ship on: 23-NOV-2016  
 Sampling Kit Shipped: YES On: 23-NOV-2016  
 Sampling Kit Packed By: WATTS\_J  
 Preservatives Needed: NO  
 Date to Receive Samples: 29-NOV-2016  
 Received By: SHAIK\_A On: 30-NOV-2016

**Send Final Report To:**

FL Dept. of Environmental Protection  
 13051 N. Telecom Parkway  
 Temple Terrace, FL 33637-0926  
 Attn: matthew.bearden@dep.state.fl.us

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

Comments: Add PCR-HF183 to Bottle Group A

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

|                               |                      |                                                                                                                                           |
|-------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L             | Number of Bottles: 1 | Preserved With: ICE                                                                                                                       |
| ALKALINITY                    | Template: DEFAULT    | (SM 2320 B-97) 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) Bromide in aqueous matrices                                                                                                   |
| *Bromide                      |                      |                                                                                                                                           |
| W-CL-IC                       | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                         |
| Chloride                      |                      |                                                                                                                                           |
| W-COLOR                       | Template: DEFAULT    | (SM 2120 B) True Color measured at 450 nm                                                                                                 |
| Color (true)                  |                      |                                                                                                                                           |
| W-F                           | Template: DEFAULT    | (SM 4500 F-C-97) 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-97) Total Dissolved Solids in aqueous matrices                                                                                 |
| TDS                           |                      |                                                                                                                                           |
| W-TSS                         | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices                                                                                 |
| 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, phaeophytin and ratio by spectrophotometry                        |
| Chlorophyll/Phaeophytin Ratio |                      |                                                                                                                                           |
| Chlorophyll-a, Corrected      |                      |                                                                                                                                           |
| Chlorophyll-a, Uncorrected    |                      |                                                                                                                                           |
| Phaeophytin-a                 |                      |                                                                                                                                           |
| Bottle Type: QPCR-P-250ML     | Number of Bottles: 2 | Preserved With: ICE                                                                                                                       |
| PCR-HF183                     | Template: DEFAULT    | (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction |

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

Bottle Type: QPCR-P-250ML      Number of Bottles: 2      Preserved With: ICE  
 PCR-HF183      Template: DEFAULT      (SOP-PCR-1.0) Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

\*HF183-qPCR

Bottle Type: P-500ML      Number of Bottles: 1      Preserved With: HNO3  
 W-ICP      Template: DEFAULT      (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Calcium  
 Magnesium  
 Potassium  
 Sodium

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-00) Nonpurgeable Organic Carbon in aqueous matrices  
 Organic Carbon

Bottle Type: BG-1L      Number of Bottles: 1      Preserved With: ICE  
 W-SUC-AA-R      Template: DEFAULT      (EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS  
 \*Sucralose  
 W-UHERB-AA      Template: DEFAULT      (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS  
 \*Acetaminophen  
 \*Carbamazepine  
 \*Fluridone  
 \*Primidone  
 Diuron  
 Fenuron  
 Imidacloprid  
 Linuron

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

Bottle Type: P-500ML      Number of Bottles: 2      Preserved With: ICE  
 W-SWD-AEL-FC      Template: DEFAULT      (SM 9222 D) Fecal coliforms by membrane filter method by Advanced Environmental Overflow Laboratories for SWD  
 Fecal Coliforms-Membrane Filter

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