

Date of Request: 11-MAY-2017  
 Created By: ASHTON\_J On: 11-MAY-2017  
 Modified By: MATTHEWS\_D On: 06-JUN-2017  
 Customer: WQAP  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District:  
 Sampling Event: RUN 15

**Send Coolers To:**

Phone: 813-470-5772  
 13051 N. Telecom Parkway  
  
 Tampa, FL 33637  
 Attn: Judy Ashton

Program Module Number:  
 Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 02-JUN-2017  
 Biology Request Reviewed By: MATTHEWS\_D On: 06-JUN-2017  
 Sampling Kit Required: NO Ship on:  
 Sampling Kit Shipped: YES On: 22-MAY-2017  
 Sampling Kit Packed By: REAVES\_S  
 Preservatives Needed: NO  
 Date to Receive Samples: 07-JUN-2017  
 Received By: REAVES\_S On: 07-JUN-2017

**Send Final Report To:**

13051 N. Telecom Parkway  
  
 Tampa, FL 33637  
 Attn: Judy Ashton

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

Comments: Group A: Freshwater Kit, No Metals

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

|                               |                      |                                                                                                                                           |
|-------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L             | Number of Bottles: 3 | Preserved With: ICE                                                                                                                       |
| ALKALINITY                    | Template: DEFAULT    | (SM 2320 B-97) 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) 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: 3 | 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: 6 | 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: 3 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>                                                                                    |

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

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 3 | 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: P-125ML | Number of Bottles: 3 | Preserved With: ICE-FLTR                                                                 |
| 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 4 Samples:**

|                                   |                      |                                                                                                                       |
|-----------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------|
| Bottle Type: QPCR-P-250ML         | Number of Bottles: 8 | Preserved With: ICE                                                                                                   |
| PCR-FILTER                        | Template: DEFAULT    | (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis                                         |
| *HF183 - Human Source Marker      |                      |                                                                                                                       |
| Bottle Type: QPCR-P-250ML         | Number of Bottles: 4 | Preserved With: ICE                                                                                                   |
| SWD-AEL-EC                        | Template: DEFAULT    | (EPA 1603) Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Tampa Lab for SWD |
| *Escherichia coli-Membrane Filter |                      |                                                                                                                       |
| Bottle Type: BG-1L                | Number of Bottles: 4 | Preserved With: ICE                                                                                                   |
| W-AHERB-AA                        | Template: DEFAULT    | (USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS                                |
| *Triclopyr                        |                      |                                                                                                                       |
| 2,4-D                             |                      |                                                                                                                       |
| Bentazon                          |                      |                                                                                                                       |
| MCP                               |                      |                                                                                                                       |
| 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                           |                      |                                                                                                                       |

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