

Date of Request: 16-JAN-2018  
 Created By: PASWATER\_B On: 16-JAN-2018  
 Modified By: SWANSON\_C On: 23-MAY-2018  
 Customer: SW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Southwest District  
 Sampling Event: Pinellas WBIDS By June

**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: 21-MAY-2018  
 Biology Request Reviewed By: SWANSON\_C On: 23-MAY-2018  
 Sampling Kit Required: YES Ship on: 01-JUN-2018  
 Sampling Kit Shipped: YES On: 29-MAY-2018  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 11-JUN-2018  
 Received By: SHAIK\_A On: 13-JUN-2018

**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: Pinellas WBIDS by June

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

|                            |                      |                                                                                                                                           |
|----------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L          | Number of Bottles: 2 | 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 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: QPCR-P-500ML  | 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: 2 | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>                                                                                    |

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

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| 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    |                      |                                                                                          |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-00) 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 Group B (Water) With 5 Samples:**

|                                   |                      |                                                                                           |
|-----------------------------------|----------------------|-------------------------------------------------------------------------------------------|
| Bottle Type: QPCR-P-500ML         | Number of Bottles: 5 | 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: P-120ML-WC-THI       | Number of Bottles: 5 | Preserved With: ICE                                                                       |
| SWD-AEL-EC                        | Template: DEFAULT    | (EPA 1603) Escherichia coli by membrane filter Advanced Environmental Laboratory in Tampa |
| *Escherichia coli-Membrane Filter |                      |                                                                                           |
| Bottle Type: BG-500ML             | Number of Bottles: 5 | Preserved With: ICE                                                                       |
| W-E8321-DI                        | Template:            | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS   |
| *Sucralose                        |                      |                                                                                           |
| W-E8321-MS                        | Template:            | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS   |
| *Acetaminophen                    |                      |                                                                                           |
| *Carbamazepine                    |                      |                                                                                           |
| *Fluridone                        |                      |                                                                                           |
| *Hydrocodone                      |                      |                                                                                           |
| *Imazapyr                         |                      |                                                                                           |
| *Primidone                        |                      |                                                                                           |
| *Pyraclostrobin                   |                      |                                                                                           |
| *Triclopyr                        |                      |                                                                                           |
| 2,4-D                             |                      |                                                                                           |
| Bentazon                          |                      |                                                                                           |
| Diuron                            |                      |                                                                                           |
| Fenuron                           |                      |                                                                                           |
| Imidacloprid                      |                      |                                                                                           |
| Linuron                           |                      |                                                                                           |
| MCPP                              |                      |                                                                                           |

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

|                              |                      |                                                                                                                                           |
|------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: QPCR-P-500ML    | Number of Bottles: 1 | 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-250ML-WO-THI  | Number of Bottles: 1 | Preserved With: ICE                                                                                                                       |
| ECOLI-18QT                   | Template: DEFAULT    | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems                                  |
| Escherichia Coli-Quanti-Tray |                      |                                                                                                                                           |

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