

Date of Request: 24-JUL-2019  
 Created By: ASHTON\_J On: 24-JUL-2019  
 Modified By: JASROTIA\_P On: 24-SEP-2019  
 Customer: SW-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Southwest District  
 Sampling Event: English, Pemberton, Baker, Spartman, Mustang, Poley

**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: 24-SEP-2019  
 Biology Request Reviewed By: JASROTIA\_P On: 24-SEP-2019  
 Sampling Kit Required: YES Ship on: 11-OCT-2019  
 Sampling Kit Shipped: YES On: 07-OCT-2019  
 Sampling Kit Packed By: SHAIK\_A  
 Preservatives Needed: NO  
 Date to Receive Samples: 21-OCT-2019  
 Received By: SHAIK\_A On: 15-NOV-2019

**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:

**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                                                                                                |
| 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: QPCR-P-500ML  | Number of Bottles: 1 | Preserved With: ICE                                                                                                                           |
| PCR-BACR                   | Template: DEFAULT    | (SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction |
| *BacR-qPCR                 |                      |                                                                                                                                               |

**Bottle Group A (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-WI-THI      Number of Bottles: 1      Preserved With: ICE  
 SWD-AEL-EC      Template: DEFAULT      (EPA 1603) E. coli by MF by AEL in Tampa  
 Escherichia coli-Membrane Filter

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: 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 Group B (Water) With 4 Samples:**

Bottle Type: BG-500ML      Number of Bottles: 4      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

**Bottle Group B (Water) With 4 Samples:**

|                       |                      |                                                                                         |
|-----------------------|----------------------|-----------------------------------------------------------------------------------------|
| Bottle Type: BG-500ML | Number of Bottles: 4 | Preserved With: ICE                                                                     |
| W-E8321-DI            | Template: DEFAULT    | (EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS |
| *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: QPCR-P-500ML | Number of Bottles: 4 | Preserved With: ICE                                                                                                                           |
| PCR-BACR                  | Template: DEFAULT    | (SOP-PCR-1.4) Detection and quantification of Ruminant specific Bacteroidetes BacR genetic marker with quantitative polymerase chain reaction |
| *BacR-qPCR                |                      |                                                                                                                                               |
| 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-WI-THI      | Number of Bottles: 4 | Preserved With: ICE                      |
| SWD-AEL-EC                       | Template: DEFAULT    | (EPA 1603) E. coli by MF by AEL in Tampa |
| Escherichia coli-Membrane Filter |                      |                                          |

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

|                                  |                      |                                          |
|----------------------------------|----------------------|------------------------------------------|
| Bottle Type: P-250ML-WI-THI      | Number of Bottles: 1 | Preserved With: ICE                      |
| SWD-AEL-EC                       | Template: DEFAULT    | (EPA 1603) E. coli by MF by AEL in Tampa |
| Escherichia coli-Membrane Filter |                      |                                          |

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