

Date of Request: 16-JAN-2020  
 Created By: PARRISH\_J On: 16-JAN-2020  
 Modified By: JASROTIA\_P On: 27-JAN-2020  
 Customer: NE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Northeast District  
 Sampling Event: Moses Creek

**Send Coolers To:**

Phone: 904-256-1693  
 8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish

Program Module Number:  
 Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 27-JAN-2020  
 Biology Request Reviewed By: JASROTIA\_P On: 27-JAN-2020  
 Sampling Kit Required: YES Ship on: 07-FEB-2020  
 Sampling Kit Shipped: YES On: 06-FEB-2020  
 Sampling Kit Packed By: KLUG\_K  
 Preservatives Needed: NO  
 Date to Receive Samples: 17-FEB-2020  
 Received By:

**Send Final Report To:**

8800 Baymeadows Way West  
 Suite 100  
 Jacksonville, FL 32256  
 Attn: Jeremy Parrish

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

Comments:  
 Group A: (Surf.-Salt) Nutrients, Bacteria  
 Group B: (Surf.-Fresh) Nutrients, Bacteria  
 Group C: (Surf.-Salt) Bacteria  
 Group D: (Surf.-Fresh) Bacteria. Tracers  
 Group E: (Surf.-fresh) Bacteria

NE-ALS-ENQ  
 NE-ALS-FC  
 NE-ALS-ECQ

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-BR-IC                     | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Bromide in aqueous matrices                                                             |
| Bromide                     |                      |                                                                                                              |
| W-F                         | Template: DEFAULT    | (SM 4500 F-C-2011) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)       |
| Fluoride                    |                      |                                                                                                              |
| 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                                                                                          |

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

|                                 |                      |                                                                                          |
|---------------------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-250ML-WI-THI     | Number of Bottles: 1 | Preserved With: ICE                                                                      |
| NE-ALS-ENQ                      | Template: DEFAULT    | (ASTM D650399) Enterococci by Enterolert/QT by ALS in Jacksonville                       |
| ENTEROCOCCI-ENTEROLERT          |                      |                                                                                          |
| Bottle Type: P-250ML-WI-THI     | Number of Bottles: 1 | Preserved With: ICE                                                                      |
| NE-ALS-FC                       | Template: DEFAULT    | (SM 9222 D) Fecal coliforms by MF by ALS in Jacksonville                                 |
| Fecal Coliforms-Membrane Filter |                      |                                                                                          |
| 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 1 Samples:**

|                            |                      |                                                                                                              |
|----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------|
| 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: P-1L          | Number of Bottles: 1 | Preserved With: ICE                                                                                          |
| ALKALINITY                 | Template: DEFAULT    | (SM 2320 B-2011) 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-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 Group B (Water) With 1 Samples:**

Bottle Type: P-250ML-WI-THI      Number of Bottles: 1      Preserved With: ICE  
 NE-ALS-ECQ      Template: DEFAULT      (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville  
 Escherichia Coli-Quanti-Tray

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

Bottle Type: P-250ML-WI-THI      Number of Bottles: 1      Preserved With: ICE  
 NE-ALS-ENQ      Template: DEFAULT      (ASTM D650399) Enterococci by Enterolert/QT by ALS in Jacksonville  
 ENTEROCOCCI-ENTEROLERT

Bottle Type: P-250ML-WI-THI      Number of Bottles: 1      Preserved With: ICE  
 NE-ALS-FC      Template: DEFAULT      (SM 9222 D) Fecal coliforms by MF by ALS in Jacksonville  
 Fecal Coliforms-Membrane Filter

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

Bottle Type: P-250ML-WI-THI      Number of Bottles: 1      Preserved With: ICE  
 NE-ALS-ECQ      Template: DEFAULT      (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville  
 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  
 MCPP

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

Bottle Type: P-250ML-WI-THI      Number of Bottles: 1      Preserved With: ICE  
 NE-ALS-ECQ      Template: DEFAULT      (SM 9223 B Quanti-Tray) E. coli by Colilert/QT by ALS in Jacksonville  
 Escherichia Coli-Quanti-Tray