

SMP-Dade Green Run

## Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SE-DIST

Requester: Matt Sewell

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

|                                                                         |                                                                          |                                                                           |                                                           |                                                                                 |                                                                            |                                  |
|-------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------|
| Location<br>C-100/Cutler Dam                                            |                                                                          | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 8/15/17 Time 1030 | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)<br>(See pg 2)    |
| Field ID<br>G4SECD09                                                    |                                                                          | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                           | Diss. Oxygen<br>2.2                                                             | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)    |
| STORET #<br>G4SECD09                                                    |                                                                          | Temp (C)<br>27.2                                                          | pH<br>7.2                                                 | Sample Depth<br>0.3                                                             | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) 512 |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt)<br>0.24                                                    | Comments                                                  |                                                                                 |                                                                            |                                  |
| Location<br>C-2/Snapper Creek                                           |                                                                          | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 8/15/17 Time 1100 | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                  |
| Field ID<br>G4SE0097                                                    |                                                                          | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                           | Diss. Oxygen<br>0.52                                                            | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)    |
| STORET #<br>G4SE0097                                                    |                                                                          | Temp (C)<br>27.7                                                          | pH<br>7.2                                                 | Sample Depth<br>0.3                                                             | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) 549 |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt)<br>0.30                                                    | Comments                                                  |                                                                                 |                                                                            |                                  |
| Location<br>C-2/Snapper Creek                                           |                                                                          | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 8/15/17 Time 1115 | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                  |
| Field ID<br>G4SE0097 - DUPE                                             |                                                                          | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                           | Diss. Oxygen<br>-                                                               | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            | Total Res. Chlorine<br>(mg/L)    |
| STORET #                                                                |                                                                          | Temp (C)<br>-                                                             | pH<br>-                                                   | Sample Depth<br>0.3                                                             | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm)     |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt)<br>-                                                       | Comments<br>Duplicate                                     |                                                                                 |                                                                            |                                  |
| Location<br>Coral Gables Canal                                          |                                                                          | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 8/15/17 Time 1145 | <input checked="" type="checkbox"/> Eastern<br><input type="checkbox"/> Central | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                  |
| Field ID<br>G4SE0096                                                    |                                                                          | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                           | Diss. Oxygen<br>1.2                                                             | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)    |
| STORET #<br>G4SE0096                                                    |                                                                          | Temp (C)<br>29.9                                                          | pH<br>7.4                                                 | Sample Depth<br>0.3                                                             | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) 529 |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity (ppt)<br>0.30                                                    | Comments                                                  |                                                                                 |                                                                            |                                  |

|                                   |                           |                          |                                 |                    |                            |
|-----------------------------------|---------------------------|--------------------------|---------------------------------|--------------------|----------------------------|
| Relinquished By:<br>James P. Hays | Date/Time<br>8/15/17 1400 | Shipping Method<br>FedEx | Number of Coolers Shipped:<br>4 | Received By:<br>SR | Date/Time<br>8-16-17/10:05 |
|-----------------------------------|---------------------------|--------------------------|---------------------------------|--------------------|----------------------------|

|          |              |                |                  |               |               |                                           |
|----------|--------------|----------------|------------------|---------------|---------------|-------------------------------------------|
| Group: A | Bottle Type: | P-1L           | # of Bottles: 5  | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | ALKALINITY   |                |                  |               |               |                                           |
|          | TURBIDITY    |                |                  |               |               |                                           |
|          | W-CL-IC      |                |                  |               |               |                                           |
|          | W-COLOR      |                |                  |               |               |                                           |
|          | W-F          |                |                  |               |               |                                           |
|          | W-SO4-IC     |                |                  |               |               |                                           |
|          | W-TDS        |                |                  |               |               |                                           |
|          | W-TSS        |                |                  |               |               |                                           |
| Group: A | Bottle Type: | BP-1L          | # of Bottles: 5  | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | CHLSUITE-W   |                |                  |               |               |                                           |
| Group: A | Bottle Type: | QPCR-P-250ML   | # of Bottles: 10 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | PCR-FILTER   |                |                  |               |               |                                           |
| Group: A | Bottle Type: | P-120ML-WC-THI | # of Bottles: 5  | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | SE-AEL-EC    |                |                  |               |               |                                           |
| Group: A | Bottle Type: | BG-1L          | # of Bottles: 5  | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | W-AHERB-AA   |                |                  |               |               |                                           |
|          | W-SUC-AA-R   |                |                  |               |               |                                           |
|          | W-UHERB-AA   |                |                  |               |               |                                           |
| Group: A | Bottle Type: | P-500ML        | # of Bottles: 5  | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab _____ |
|          | W-NH3        |                |                  |               |               |                                           |
|          | W-NO2NO3     |                |                  |               |               |                                           |
|          | W-S-A-TP     |                |                  |               |               |                                           |
|          | W-TKN        |                |                  |               |               |                                           |
|          | W-TOC        |                |                  |               |               |                                           |
| Group: A | Bottle Type: | P-125ML        | # of Bottles: 5  | Preservative: | ICE-FLTR      | Enter Number of Bottles Sent to Lab _____ |
|          | W-PO4-F      |                |                  |               |               |                                           |
| Group: B | Bottle Type: | P-1L           | # of Bottles: 2  | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | ALKALINITY   |                |                  |               |               |                                           |
|          | TURBIDITY    |                |                  |               |               |                                           |
|          | W-CL-IC      |                |                  |               |               |                                           |
|          | W-COLOR      |                |                  |               |               |                                           |
|          | W-F          |                |                  |               |               |                                           |



SMP-Dade Green Run

## Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SE-DIST

Requester: Matt Sewell

Field Report Prepared By:

Project ID: SMP

Collected By:

Sampling Agency:

21 FL WPB

|                                                                         |                                                                           |                                                           |                                                                            |                                        |                               |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------|-------------------------------|
| Location<br>C-6/Mian: Canal                                             | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 8/15/17 Time 1230 | Eastern<br>Central                                                         | Composite end<br>Date _____ Time _____ | Bottle Group(s)<br>(See pg 2) |
| Field ID<br>G4SE0094                                                    | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen<br>0.7                                       | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)          | B                             |
| STORET #<br>G4SE0094                                                    | Temp (C)<br>29.2                                                          | pH<br>7.3                                                 | Sample Depth<br>0.3                                                        | Sp. Conductance (umho/cm)<br>502       |                               |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms  | Salinity (ppt)<br>0.29                                    | Comments                                                                   |                                        |                               |
| Location<br>CG @ NW 118th Ave                                           | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 8/15/17 Time 1250 | Eastern<br>Central                                                         | Composite end<br>Date _____ Time _____ | Bottle Group(s)               |
| Field ID<br>G4SE0101                                                    | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen<br>0.8                                       | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)          | B                             |
| STORET #<br>G4SE0101                                                    | Temp (C)<br>29.3                                                          | pH<br>7.3                                                 | Sample Depth<br>0.3                                                        | Sp. Conductance (umho/cm)<br>601       |                               |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms  | Salinity (ppt)<br>0.29                                    | Comments                                                                   |                                        |                               |
| Location<br>Snake Creek Canal                                           | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 8/15/17 Time 1315 | Eastern<br>Central                                                         | Composite end<br>Date _____ Time _____ | Bottle Group(s)               |
| Field ID<br>28040381                                                    | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen<br>5.2                                       | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)          | A                             |
| STORET #<br>28040381                                                    | Temp (C)<br>31.2                                                          | pH<br>7.4                                                 | Sample Depth<br>0.3                                                        | Sp. Conductance (umho/cm)              |                               |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms  | Salinity (ppt)<br>0.20                                    | Comments                                                                   |                                        |                               |
| Location                                                                | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date _____ Time _____  | Eastern<br>Central                                                         | Composite end<br>Date _____ Time _____ | Bottle Group(s)               |
| Field ID                                                                | Matrix (type, e.g., Salt, Fresh, etc)                                     | Diss. Oxygen                                              | <input type="checkbox"/> mg/L<br><input type="checkbox"/> % sat            | Total Res. Chlorine<br>(mg/L)          |                               |
| STORET #                                                                | Temp (C)                                                                  | pH                                                        | Sample Depth                                                               | Sp. Conductance (umho/cm)              |                               |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms  | Salinity (ppt)                                            | Comments                                                                   |                                        |                               |

|                                  |                           |                           |                                 |                    |                            |
|----------------------------------|---------------------------|---------------------------|---------------------------------|--------------------|----------------------------|
| Relinquished By:<br>James P. Orr | Date/Time<br>8/15/17 1400 | Shipping Method<br>Fed Ex | Number of Coolers Shipped:<br>4 | Received By:<br>SR | Date/Time<br>8-16-17/10:05 |
|----------------------------------|---------------------------|---------------------------|---------------------------------|--------------------|----------------------------|

|          |                                                                                    |                |                  |               |               |                                           |
|----------|------------------------------------------------------------------------------------|----------------|------------------|---------------|---------------|-------------------------------------------|
| Group: A | Bottle Type:                                                                       | P-1L           | # of Bottles: 5  | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS |                |                  |               |               |                                           |
| Group: A | Bottle Type:                                                                       | BP-1L          | # of Bottles: 5  | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | CHLSUITE-W                                                                         |                |                  |               |               |                                           |
| Group: A | Bottle Type:                                                                       | QPCR-P-250ML   | # of Bottles: 10 | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | PCR-FILTER                                                                         |                |                  |               |               |                                           |
| Group: A | Bottle Type:                                                                       | P-120ML-WC-THI | # of Bottles: 5  | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | SE-AEL-EC                                                                          |                |                  |               |               |                                           |
| Group: A | Bottle Type:                                                                       | BG-1L          | # of Bottles: 5  | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | W-AHERB-AA<br>W-SUC-AA-R<br>W-UHERB-AA                                             |                |                  |               |               |                                           |
| Group: A | Bottle Type:                                                                       | P-500ML        | # of Bottles: 5  | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab _____ |
|          | W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC                                    |                |                  |               |               |                                           |
| Group: A | Bottle Type:                                                                       | P-125ML        | # of Bottles: 5  | Preservative: | ICE-FLTR      | Enter Number of Bottles Sent to Lab _____ |
|          | W-PO4-F                                                                            |                |                  |               |               |                                           |
| Group: B | Bottle Type:                                                                       | P-1L           | # of Bottles: 2  | Preservative: | ICE           | Enter Number of Bottles Sent to Lab _____ |
|          | ALKALINITY<br>TURBIDITY<br>W-CL-IC<br>W-COLOR<br>W-F                               |                |                  |               |               |                                           |

Date of Request: 06-JUN-2017  
 Created By: SEWELL\_M On: 06-JUN-2017  
 Modified By: MATTHEWS\_D On: 19-JUN-2017  
 Customer: SE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Southeast District  
 Sampling Event: SMP-Dade Green Run

**Send Coolers To:**

Phone: (772) 448-5883  
 FL Dept. of Environmental Protection  
 2199 South Rock Road  
 Fort Pierce, FL 34945  
 Attn: Matthew Sewell

**Send Final Report To:**

FL Dept. of Environmental Protection  
 2199 South Rock Road  
 Fort Pierce, FL 34945  
 Attn: Matthew Sewell

Program Module Number: 1306  
 Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 15-JUN-2017  
 Biology Request Reviewed By: MATTHEWS\_D On: 19-JUN-2017  
 Sampling Kit Required: YES Ship on: 21-JUN-2017  
 Sampling Kit Shipped: YES On: 21-JUN-2017  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 10-JUL-2017  
 Received By:

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

Comments: Sampler Comments:  
 Bottle group A = 3283 3292 3293 3295 DUPE  
 Bottle group B = 3286A (x2)

**Bottle Group A (Water) With 5 Samples:**

|                                   |                       |                                                                                                                                         |
|-----------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 5  | Preserved With: ICE                                                                                                                     |
| ALKALINITY                        | Template: DEFAULT     | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                                                |
| TURBIDITY                         | Template: DEFAULT     | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                      |
| W-CL-IC                           | Template: DEFAULT     | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                       |
| 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)                                    |
| W-SO <sub>4</sub> -IC             | Template: DEFAULT     | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                        |
| W-TDS                             | Template: DEFAULT     | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                                                               |
| W-TSS                             | Template: DEFAULT     | (SM 2540 D-97) Total Suspended Solids in aqueous matrices                                                                               |
| Bottle Type: BP-1L                | Number of Bottles: 5  | Preserved With: ICE                                                                                                                     |
| CHLSUITE-W                        | Template:             | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                            |
| Bottle Type: QPCR-P-250ML         | Number of Bottles: 10 | Preserved With: ICE                                                                                                                     |
| PCR-FILTER                        | Template: DEFAULT     | (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis                                                           |
| Bottle Type:                      | Number of Bottles: 5  | Preserved With: ICE                                                                                                                     |
| SE-AEL-EC                         | Template: DEFAULT     | (EPA 1603) Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Miami Overflow Laboratories for SED |
| Bottle Type: BG-1L                | Number of Bottles: 5  | Preserved With: ICE                                                                                                                     |
| W-AHERB-AA                        | Template: DEFAULT     | (USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS                                                  |
| W-SUC-AA-R                        | Template: DEFAULT     | (EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS                                                                       |
| W-UHERB-AA                        | Template: DEFAULT     | (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS                                                    |
| Bottle Type: P-500ML              | Number of Bottles: 5  | Preserved With: ICE And H <sub>2</sub> SO <sub>4</sub>                                                                                  |
| W-NH <sub>3</sub>                 | Template: DEFAULT     | (EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L                                                                              |
| W-NO <sub>2</sub> NO <sub>3</sub> | Template: DEFAULT     | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                                                      |
| W-S-A-TP                          | Template: DEFAULT     | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                                                     |
| W-TKN                             | Template: DEFAULT     | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                                                        |

**Bottle Group A (Water) With 5 Samples:**

|                      |                      |                                                                                          |
|----------------------|----------------------|------------------------------------------------------------------------------------------|
| Bottle Type: P-500ML | Number of Bottles: 5 | Preserved With: ICE And H2SO4                                                            |
| W-TOC                | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                           |
| Bottle Type: P-125ML | Number of Bottles: 5 | 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 |

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

|                           |                      |                                                                                                                                                |
|---------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: QPCR-P-250ML | Number of Bottles: 4 | Preserved With: ICE                                                                                                                            |
| PCR-FILTER                | Template: DEFAULT    | (SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis                                                                  |
| Bottle Type:              | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| SE-AEL-EC                 | Template: DEFAULT    | (EPA 1603) Escherichia coli by membrane filter method using modified mTEC by Advanced Environmental Miami Overflow Laboratories for SED        |
| Bottle Type: BG-1L        | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| W-AHERB-AA                | Template: DEFAULT    | (USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS                                                         |
| W-SUC-AA-R                | Template: DEFAULT    | (EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS                                                                              |
| W-UHERB-AA                | Template: DEFAULT    | (USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS                                                           |
| Bottle Type: P-500ML      | Number of Bottles: 2 | Preserved With: HNO3                                                                                                                           |
| W-ICP                     | Template:            | (EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects |
| Calcium                   |                      |                                                                                                                                                |
| Chromium                  |                      |                                                                                                                                                |
| Iron                      |                      |                                                                                                                                                |
| Magnesium                 |                      |                                                                                                                                                |
| Nickel                    |                      |                                                                                                                                                |
| Potassium                 |                      |                                                                                                                                                |
| Sodium                    |                      |                                                                                                                                                |
| Zinc                      |                      |                                                                                                                                                |
| W-ICPMS                   | Template: PRTY       | (EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects                    |
| Arsenic                   |                      |                                                                                                                                                |
| Cadmium                   |                      |                                                                                                                                                |
| Copper                    |                      |                                                                                                                                                |
| Lead                      |                      |                                                                                                                                                |
| Selenium                  |                      |                                                                                                                                                |
| Silver                    |                      |                                                                                                                                                |
| 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                                                                                     |
| W-NO2NO3                  | Template: DEFAULT    | (EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L                                                                             |
| W-S-A-TP                  | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L                                                                            |
| W-TKN                     | Template: DEFAULT    | (EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices                                                                               |
| W-TOC                     | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                                                                                 |
| Bottle Type: P-125ML      | Number of Bottles: 2 | 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                                                       |
| Bottle Type: P-1L         | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| ALKALINITY                | Template: DEFAULT    | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/L                                                                                    |
| TURBIDITY                 | Template: DEFAULT    | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |
| W-CL-IC                   | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Chloride in aqueous matrices                                                                                              |
| 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)                                           |
| W-SO4-IC                  | Template: DEFAULT    | (EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices                                                                                               |
| W-TDS                     | Template: DEFAULT    | (SM 2540 C-97) Total Dissolved Solids in aqueous matrices                                                                                      |
| W-TSS                     | Template: DEFAULT    | (SM 2540 D-97) Total Suspended Solids in aqueous matrices                                                                                      |
| Bottle Type: BP-1L        | Number of Bottles: 2 | Preserved With: ICE                                                                                                                            |
| CHLSUITE-W                | Template:            | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                                   |

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

RQ 2017-07-10-12

## Log-in Checklist

Shipping Method: FedexDate/Time of Receipt: 8-16-17/10:25

| Cooler ID | Cooler Temperature* | No. Sample Containers in Cooler | Evidence Tape |    |          |    | Tracking # (fill out only if waybill copy is damaged) |
|-----------|---------------------|---------------------------------|---------------|----|----------|----|-------------------------------------------------------|
|           |                     |                                 | Present?      |    | *Intact? |    |                                                       |
|           |                     |                                 | Yes           | No | Yes      | No |                                                       |
| Red       | 1.8                 | 16                              |               | ✓  |          |    |                                                       |
| Red       | 0.4                 | 13                              |               | ✓  |          |    |                                                       |
| Red       | 0.4                 | 15                              |               | ✓  |          |    |                                                       |
| Blue      | 0.9                 | 7                               |               | ✓  |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |

\*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

\*\*Note: If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

\*\*Chain of Custody/ Field Sheet(s) Included? Yes ✓ No     

## CONTAINER CHECK

\*\*Evidence Tape on Bottles? Yes ✓ No ✓ If yes, is it intact? Yes ✓ No     

\*\*Caps on tight? Yes ✓ No      \*\*Containers intact? Yes ✓ No     

\*\*Sufficient Sample Volume: Yes ✓ No     

## CHLORINE CHECK (Blue dot on container)

| Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required. |     |    |               |     |    |  |
|------------------------------------------------------------------------------------------------------|-----|----|---------------|-----|----|--|
| Analysis                                                                                             | Yes | No | Analysis      | Yes | No |  |
| W-1,4 DIOX                                                                                           |     | ✓  | W-PC-AA-SF    |     |    |  |
| W-AHERB-AA (-AHB-AA-R)                                                                               |     |    | W-PCL-SQ (-R) |     |    |  |
| W-BNA (-625, -R)                                                                                     |     |    | W-PDQUAT      |     |    |  |
| W-CARB-AA (-CAB-AA-R)                                                                                |     |    | W-PESTNP-R    |     |    |  |
| W-ENDO-AA                                                                                            |     |    | W-PSCL-TQ     |     |    |  |
| W-GLYPH                                                                                              |     |    | W-PSNP-TQ     |     |    |  |
| W-NP-AA-SF                                                                                           |     |    | W-PST-CL-R    |     |    |  |
| W-PAH (-R)                                                                                           |     |    | W-TR-TQ       |     |    |  |
| W-PCB-R                                                                                              |     |    | W-CT-Cl-R     |     |    |  |

## PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

\*\*Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No      NA      Init: SR

\*\*W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes      No      NA ✓ Init: SR

Coolers Unpacked/Checked by: SR Date: 8-16-17

NCRs (Y/N)? N

Event ID: SEDI5T-2017-08-16-01

NCR #

## Log-in Checklist

### Samples with Incorrect pH Preservation or presence of Chlorine

| Field ID | Bottle Test ID(s) | pH / Cl | Action Taken |
|----------|-------------------|---------|--------------|
|          |                   |         |              |
|          |                   |         |              |
|          |                   |         |              |
|          |                   |         |              |

### Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

| Cooler ID | Field ID | Bottle Test ID(s) |
|-----------|----------|-------------------|
|           |          |                   |
|           |          |                   |
|           |          |                   |
|           |          |                   |
|           |          |                   |

### Bottles Not Intact

| Field ID | Bottle Test ID(s) | Loose Cap | Damaged Cap |    | Damaged Container |    | Evidence Tape Not Intact |
|----------|-------------------|-----------|-------------|----|-------------------|----|--------------------------|
|          |                   |           | CK          | BR | CK                | BR |                          |
|          |                   |           |             |    |                   |    |                          |
|          |                   |           |             |    |                   |    |                          |
|          |                   |           |             |    |                   |    |                          |

### Samples with Insufficient Volume for Analyses

| Field ID | Bottle Test ID(s) | Action Taken |
|----------|-------------------|--------------|
|          |                   |              |
|          |                   |              |
|          |                   |              |
|          |                   |              |

## ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes \_\_\_\_\_ No ✓

Date and time placed in freezer \_\_\_\_\_

Were all samples placed in freezer within 48 hours of collection? Yes \_\_\_\_\_ No \_\_\_\_\_

If no, were samples shipped on dry ice? Yes \_\_\_\_\_ No \_\_\_\_\_

**FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF; W-HG-AF-F):**

Samples preserved within 48 hours? Yes \_\_\_\_\_ No \_\_\_\_\_

Date and time samples preserved: \_\_\_\_\_

**Additional Comments:**



**Do Not Lift Using This Tag**

ORIGIN ID:FXEA (941) 809-6227  
DREW  
FDEP

2199 SOUTH ROCK RD

FORT PIERCE, FL 34945  
UNITED STATES US

SHIP DATE: 15AUG17  
ACTWGT: 63.50 LB  
CAD: 006994140/SSFE1802  
DIMS: 21x16x14 IN

BILL RECIPIENT

TO **SAMPLE RCING**  
**FL DEP/ CHEMISTRY DECTION**  
**2600 BLAIRSTONE RD**

**TALLAHASSEE FL 32399**

(850) 245-8085  
REF:  
DEPT:



**FedEx**  
Express



1 of 4  
TRK# **7799 9441 5027**  
0201  
## MASTER ##

**36 TLHA**

**WED - 16 AUG 10:30A**  
**PRIORITY OVERNIGHT**  
**AHS**  
**32399**  
FL-US **TLH**



Part # 156297V-489 RTZ EXP 0818



9

ORIGIN ID:FXEA (941) 809-6227  
DREW  
FDEP  
2199 SOUTH ROCK RD

FORT PIERCE, FL 34945  
UNITED STATES US

SHIP DATE: 15AUG17  
ACTWGT: 55.00 LB  
CAD: 006994140/SSFE1802  
DIMS: 21x16x14 IN

BILL RECIPIENT

1.1) **SAMPLE RCVING**  
**FL DEP/ CHEMISTRY DECTION**  
**2600 BLAIRSTONE RD**

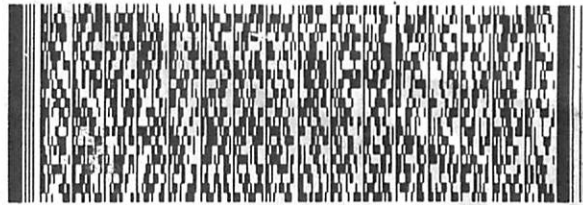
**TALLAHASSEE FL 32399**

(850) 245-8085

REF:

INV:  
PO:

DEPT:



**FedEx**  
Express



2 of 4

MPS# 7799 9441 5038

Mstr# 7799 9441 5027

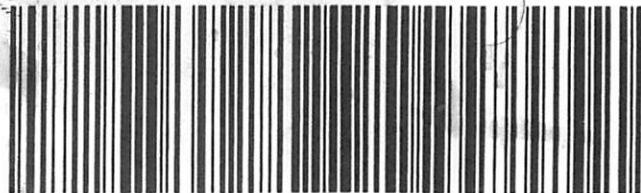
**WED - 16 AUG 10:30A**  
**PRIORITY OVERNIGHT**

**36 TLHA**

0201

**AHS**  
**32399**

**FL-US TLH**



# Do Not Lift Using This Tag

ORIGIN ID:FXEA (941) 809-6227  
DREW  
FDEP  
2199 SOUTH ROCK RD

FORT PIERCE, FL 34945  
UNITED STATES US

SHIP DATE: 15AUG17  
ACTWGT: 57.70 LB  
CAD: 006994140/SSFE1802  
DIMS: 21x16x14 IN

BILL RECIPIENT

TO **SAMPLE RCVING**  
**FL DEP/ CHEMISTRY DECTION**  
**2600 BLAIRSTONE RD**

**TALLAHASSEE FL 32399**

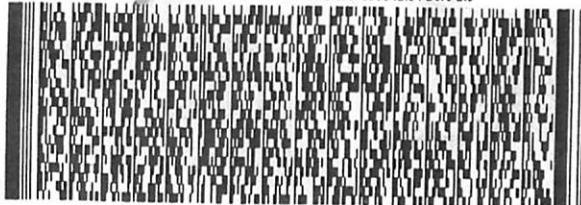
(850) 245-8085

REF:

INU:

PO:

DEPT:



**FedEx**  
Express



3 of 4

MPS# **7799 9441 5049**

Mstr# 7799 9441 5027

**36 TLHA**

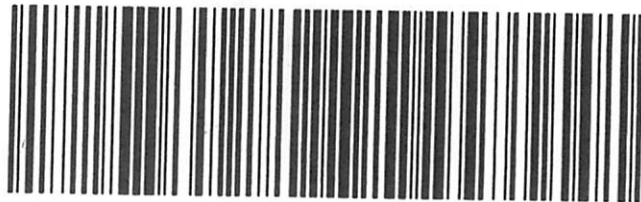
**WED - 16 AUG 10:30A**  
**PRIORITY OVERNIGHT**

0201

AHS

**32399**

FL-US **TLH**





**Do Not Lift Using This Tag**

ORIGIN ID:FXEA (941) 809-6227  
DREW  
FDEP  
2199 SOUTH ROCK RD  
FORT PIERCE, FL 34945  
UNITED STATES US

SHIP DATE: 15AUG17  
ACTWT: 60.70 LB  
CAD: 006994140/SSFE1802  
DIMS: 21x16x14 IN  
BILL RECIPIENT

Part # 156297V-489 R1142 EXP 04518

TO **SAMPLE RCING**  
**FL DEP/ CHEMISTRY DECTION**  
**2600 BLAIRSTONE RD**

**TALLAHASSEE FL 32399**

(860) 245-8086  
INU:  
PO:

REF:

DEPT:



**FedEx**  
Express



4 of 4

MPS# 7799 9441 5050  
0263

Mstr# 7799 9441 5027

0201

**36 TLHA**

**WED - 16 AUG 10:30A**  
**PRIORITY OVERNIGHT**

**AHS**  
**32399**  
**FL-US TLH**

