

SMP- C-23 Sonde pickup

## Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SE-DIST

Requester: Matt Sewell

Field Report Prepared By:

Drew Liddick

Project ID: SMP

Collected By:

James Pitts

Sampling Agency:

21 FLWPB

|                                   |                                                                        |                                                                           |                                                                        |                        |                                                                            |                                  |                                  |
|-----------------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------|----------------------------------------------------------------------------|----------------------------------|----------------------------------|
| Location<br>C-23 Upstream of S-97 |                                                                        | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date 8/31/17 Time 1145              | Eastern<br>Central     | Composite end<br>Date                                                      | Time                             | Bottle<br>Group(s)<br>(See pg 2) |
| Field ID<br>G25E0004              |                                                                        | Matrix (type, e.g., Salt, Fresh, etc)<br>Fresh                            |                                                                        | Diss. Oxygen<br>3.54   | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)    | A                                |
| STORET #<br>G25E0004              |                                                                        | Temp<br>(C) 29.7                                                          | pH 7.2                                                                 | Sample<br>Depth 0.3    | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) 803 |                                  |
| Latitude<br>27.20567543           | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms | Longitude<br>-80.34126005                                                 | <input checked="" type="checkbox"/> dd<br><input type="checkbox"/> dms | Salinity<br>(ppt) 0.39 | Comments                                                                   |                                  |                                  |
| Location                          |                                                                        | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date                                | Eastern<br>Central     | Composite end<br>Date                                                      | Time                             | Bottle<br>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<br>(C)                                                               | pH                                                                     | Sample<br>Depth        | <input type="checkbox"/> ft<br><input type="checkbox"/> m                  | Sp. Conductance<br>(umho/cm)     |                                  |
| Latitude                          | <input type="checkbox"/> dd<br><input type="checkbox"/> dms            | Longitude                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms            | Salinity<br>(ppt)      | Comments                                                                   |                                  |                                  |
| Location                          |                                                                        | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date                                | Eastern<br>Central     | Composite end<br>Date                                                      | Time                             | Bottle<br>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<br>(C)                                                               | pH                                                                     | Sample<br>Depth        | <input type="checkbox"/> ft<br><input type="checkbox"/> m                  | Sp. Conductance<br>(umho/cm)     |                                  |
| Latitude                          | <input type="checkbox"/> dd<br><input type="checkbox"/> dms            | Longitude                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms            | Salinity<br>(ppt)      | Comments                                                                   |                                  |                                  |
| Location                          |                                                                        | <input type="checkbox"/> Comp<br><input type="checkbox"/> Grab            | Collection (comp begin or grab)<br>Date                                | Eastern<br>Central     | Composite end<br>Date                                                      | Time                             | Bottle<br>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<br>(C)                                                               | pH                                                                     | Sample<br>Depth        | <input type="checkbox"/> ft<br><input type="checkbox"/> m                  | Sp. Conductance<br>(umho/cm)     |                                  |
| Latitude                          | <input type="checkbox"/> dd<br><input type="checkbox"/> dms            | Longitude                                                                 | <input type="checkbox"/> dd<br><input type="checkbox"/> dms            | Salinity<br>(ppt)      | Comments                                                                   |                                  |                                  |

|                         |                           |                               |                                     |                        |                                |
|-------------------------|---------------------------|-------------------------------|-------------------------------------|------------------------|--------------------------------|
| Received By: <u>SLK</u> | Date/Time: <u>8/31/17</u> | Shipping Method: <u>FEDEX</u> | Number of Coolers Shipped: <u>1</u> | Received By: <u>SR</u> | Date/Time: <u>9-1-17/11:15</u> |
|-------------------------|---------------------------|-------------------------------|-------------------------------------|------------------------|--------------------------------|

Group: A

Bottle Type:

# of Bottles: 0

Preservative:

Enter Number of Bottles Sent to Lab

ALKALINITY  
CHLSUITE-W  
SE-FLR-ECQ  
TURBIDITY  
W-CL-IC  
W-COLOR  
W-F  
W-NH3  
W-NO2NO3  
W-PO4-F  
W-S-A-TP  
W-SO4-IC  
W-TDS  
W-TKN  
W-TOC  
W-TSS

Date of Request: 29-AUG-2017  
 Created By: SEWELL\_M On: 29-AUG-2017  
 Modified By: SWANSON\_C On: 29-AUG-2017  
 Customer: SE-DIST  
 Project: SMP  
 Division: Division of Environmental Assessment and Restoration  
 District: Southeast District  
 Sampling Event: SMP- C-23 Sonde pickup

**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: A  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 29-AUG-2017  
 Biology Request Reviewed By: SWANSON\_C On: 29-AUG-2017  
 Sampling Kit Required: NO Ship on:  
 Sampling Kit Shipped:  
 Sampling Kit Packed By:  
 Preservatives Needed: NO  
 Date to Receive Samples: 31-AUG-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 (Water) With 1 Samples:**

|                                   |                      |                                                                                                                               |
|-----------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 1 | 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-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: 1 | Preserved With: ICE                                                                                                           |
| CHLSUITE-W                        | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry                  |
| Bottle Type:                      | Number of Bottles: 1 | Preserved With: ICE                                                                                                           |
| SE-FLR-ECQ                        | Template: DEFAULT    | (SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by FlowersOverflow Laboratory for Southeast District |
| Bottle Type: P-500ML              | Number of Bottles: 1 | 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                                                              |
| W-TOC                             | Template: DEFAULT    | (SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices                                                                |
| Bottle Type: P-125ML              | Number of Bottles: 1 | 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                                      |

# Log-in Checklist

RQ- 2017-08-28-48

Shipping Method: Fedex

Date/Time of Receipt: 9-1-17/11:15

| Cooler ID | Cooler Temperature* | No. Sample Containers in Cooler | Evidence Tape |    |          |    | Tracking # (fill out only if waybill copy is damaged) |
|-----------|---------------------|---------------------------------|---------------|----|----------|----|-------------------------------------------------------|
|           |                     |                                 | Present?      |    | *Intact? |    |                                                       |
| Blue      | -1.2                | 4                               | Yes           | No | Yes      | No | 787575633295                                          |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |

\*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-CI-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:** 9-1-17 **NCRs (Y/N)?** N

**Event ID:** SE-DIST-2017-09-01-01 **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:**