

SMP RUN 16

## Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: SW-DIST

Requester: Judy Ashton

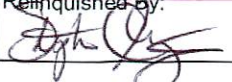
Field Report Prepared By: S. Clingerman

Project ID: SMP

Collected By: Judy Ashton / S. Clingerman

Sampling Agency: 21PLTPA

|                                                               |                                                                                                                             |                                                                           |                                                                            |                                                             |                                                                            |                                         |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------|-----------------------------------------|
| Location<br><u>Blackwater Creek</u>                           |                                                                                                                             | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>02/23/2017</u> Time <u>1120</u> | <u>Eastern</u><br>Central                                   | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)<br>(See pg 2)           |
| Field ID<br>RQ-2017-02-20-22<br>Date: 02/23/17<br>Time: _____ | <br><b>G2SW0019</b><br>↓STORET Field ID ↑  | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                                            | Diss. Oxygen<br><u>7.7</u>                                  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) _____     |
| STORET #<br>Time: _____                                       | <br><b>G2SW0019</b><br>↓STORET Field ID ↑  | Temp (C)<br><u>19.3</u>                                                   | pH<br><u>7.3</u>                                                           | Sample Depth<br><u>0.3</u>                                  | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) <u>590</u> |
| Latitude<br>Blackwater                                        | <br><b>G2SW0019</b>                        | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)<br><u>0.29</u>                                              | Comments                                                    |                                                                            |                                         |
| Location<br><u>Turkey Creek</u>                               |                                                                                                                             | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>02/23/2017</u> Time <u>1255</u> | <u>Eastern</u><br>Central                                   | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                         |
| Field ID<br>RQ-2017-02-20-22<br>Date: 02/23/17<br>Time: _____ | <br><b>G2SW0025</b><br>↓STORET Field ID ↑  | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                                            | Diss. Oxygen<br><u>6.5</u>                                  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) _____     |
| STORET #<br>Time: _____                                       | <br><b>G2SW0025</b><br>↓STORET Field ID ↑  | Temp (C)<br><u>18.9</u>                                                   | pH<br><u>6.9</u>                                                           | Sample Depth<br><u>0.3</u>                                  | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) <u>285</u> |
| Latitude<br>Turkey Creek                                      | <br><b>G2SW0025</b>                        | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)<br><u>0.14</u>                                              | Comments                                                    |                                                                            |                                         |
| Location<br><u>English Creek</u>                              |                                                                                                                             | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or grab)<br>Date <u>02/23/2017</u> Time <u>1345</u> | <u>Eastern</u><br>Central                                   | Composite end<br>Date _____ Time _____                                     | Bottle Group(s)                         |
| Field ID<br>RQ-2017-02-20-22<br>Date: 02/23/17<br>Time: _____ | <br><b>G2SW0006</b><br>↓STORET Field ID ↑  | Matrix (type, e.g., Salt, Fresh, etc)                                     |                                                                            | Diss. Oxygen<br><u>7.1</u>                                  | <input checked="" type="checkbox"/> mg/L<br><input type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L) _____     |
| STORET #<br>Time: _____                                       | <br><b>G2SW0006</b><br>↓STORET Field ID ↑ | Temp (C)<br><u>19.0</u>                                                   | pH<br><u>7.3</u>                                                           | Sample Depth<br><u>0.3</u>                                  | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m       | Sp. Conductance<br>(umho/cm) <u>222</u> |
| Latitude<br>English Crk                                       | <br><b>G2SW0006</b>                       | <input type="checkbox"/> dd<br><input type="checkbox"/> dms               | Salinity (ppt)<br><u>0.11</u>                                              | 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                                                | <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 (ppt)                                                             | Comments                                |

|                                                                                                        |                                   |                                 |                                        |                                                                                                       |                                  |
|--------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------|
| Relinquished By:<br> | Date/Time<br><u>02/23/17 1800</u> | Shipping Method<br><u>FedEx</u> | Number of Coolers Shipped:<br><u>1</u> | Received By:<br> | Date/Time<br><u>2-24-17/1000</u> |
|--------------------------------------------------------------------------------------------------------|-----------------------------------|---------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------|----------------------------------|

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Group: A      Bottle Type: P-1L      # of Bottles: 4      Preservative: ICE      Enter Number of Bottles Sent to Lab 3

ALKALINITY  
TURBIDITY  
W-CL-IC  
W-COLOR  
W-F  
W-SO4-IC  
W-TDS  
W-TSS

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Group: A      Bottle Type: BP-1L      # of Bottles: 4      Preservative: ICE      Enter Number of Bottles Sent to Lab 3

CHLSUITE-W

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Group: A      Bottle Type: P-500ML      # of Bottles: 4      Preservative: ICE And H2SO4      Enter Number of Bottles Sent to Lab 3

W-NH3  
W-NO2NO3  
W-S-A-TP  
W-TKN  
W-TOC

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Group: A      Bottle Type: P-125ML      # of Bottles: 4      Preservative: ICE-FLTR      Enter Number of Bottles Sent to Lab 3

W-PO4-F

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Group B

SWD-AEL-EC

Bottles sent: 0

↳ Dropped off @ AEL Tampa

Date of Request: 26-JAN-2017  
 Created By: ASHTON\_J On: 26-JAN-2017  
 Modified By: SWANSON\_C On: 02-FEB-2017  
 Customer: SW-DIST  
 Project: SMP  
 Division:  
 District: Southwest District  
 Sampling Event: SMP RUN 16

**Send Coolers To:**

Phone: 813-470-5951  
 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: 31-JAN-2017  
 Biology Request Reviewed By: SWANSON\_C On: 02-FEB-2017  
 Sampling Kit Required: YES Ship on: 14-FEB-2017  
 Sampling Kit Shipped: YES On: 14-FEB-2017  
 Sampling Kit Packed By: REYNOLDS\_T  
 Preservatives Needed: NO  
 Date to Receive Samples: 23-FEB-2017  
 Received By: SHAIK\_A On: 24-FEB-2017

**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 4 Samples:**

|                                   |                      |                                                                                                                    |
|-----------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 4 | 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: 4 | Preserved With: ICE                                                                                                |
| CHLSUITE-W                        | Template: DEFAULT    | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry |
| Bottle Type: P-500ML              | Number of Bottles: 4 | 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: 4 | Preserved With: ICE-FLTR                                                                                           |
| W-PO <sub>4</sub> -F              | Template: DEFAULT    | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                           |

# Log-in Checklist

RQ- 2017-02-20-22

Shipping Method: Fed Ex

Date/Time of Receipt: 02-24-17/10:00

| 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       | 1.1C                | 12                              |               | ✓  |          |    | 8111 7111 0476                                        |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |
|           |                     |                                 |               |    |          |    |                                                       |

\*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: ASB

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

Coolers Unpacked/Checked by: ASB Date: 2-24-17 NCRs (Y/N)?   

Event ID: SMP RUN 16 SW-DIST-2017-02-24-01 (SMP) NCR #   

Date Received: 24-FEB-2017 10:00

## 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:**