

Request Number: 2016-03-28-20Florida Department of Environmental Protection  
Central Laboratory Submittal FormPage 1 of 2  
last revised Nov 10, 2015

Customer: SW-DIST

Project ID: SMP

Requester: Judy Ashton

Collected By: C. Orr / S. ClingermanField Report Prepared By: S. ClingermanSampling Agency: FDEP - SWROC

|                                                                                                                                                                 |  |                                                                           |                                                                                    |                                      |                                                                                       |                                         |  |                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------|--|--------------------------------------------------|
| Location<br><u>Withlacoochee River</u>                                                                                                                          |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or <u>grab</u> )<br>Date <u>03-30-2016</u> Time <u>1225</u> |                                      | <u>Eastern</u><br>Central                                                             | Composite end<br>Date _____ Time _____  |  | Bottle<br>Group(s)<br>(See pg 2)<br><br><u>A</u> |
| Field ID<br>RQ-2016-03-28-20<br>Date: 03/30/16<br>Time: _____<br><br>G4SW0099  |  | Matrix (type, e.g., Salt, <u>Fresh</u> , etc)<br><u>FRESH</u>             |                                                                                    | Diss. Oxygen <u>4.2</u><br><u>SD</u> | <input checked="" type="checkbox"/> mg/L<br><input checked="" type="checkbox"/> % sat | Total Res. Chlorine<br>(mg/L)           |  |                                                  |
| STORET #                                                                                                                                                        |  | Temp<br>(C) <u>20.4</u>                                                   | pH<br><u>3.9</u>                                                                   | Sample<br>Depth <u>1.3</u>           | <input type="checkbox"/> ft<br><input checked="" type="checkbox"/> m                  | Sp. Conductance<br>(umho/cm) <u>101</u> |  |                                                  |
| Latitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                                                         |  | Salinity<br>(ppt) <u>0.05</u>                                             |                                                                                    | Comments                             |                                                                                       |                                         |  |                                                  |
| Location<br><u>Withlacoochee River - DUPLICATE</u>                                                                                                              |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or <u>grab</u> )<br>Date <u>03-30-2016</u> Time <u>1230</u> |                                      | <u>Eastern</u><br>Central                                                             | Composite end<br>Date _____ Time _____  |  | Bottle<br>Group(s)<br><br><u>A</u>               |
| Field ID<br>RQ-2016-03-28-20<br>Date: 03/30/16<br>Time: _____<br><br>DUPLICATE |  | 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<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                                                         |  | Salinity<br>(ppt)                                                         |                                                                                    | Comments                             |                                                                                       |                                         |  |                                                  |
| Location<br><u>Field Blank - Withlacoochee River</u>                                                                                                            |  | <input type="checkbox"/> Comp<br><input checked="" type="checkbox"/> Grab | Collection (comp begin or <u>grab</u> )<br>Date <u>03-30-2016</u> Time <u>1240</u> |                                      | <u>Eastern</u><br>Central                                                             | Composite end<br>Date _____ Time _____  |  | Bottle<br>Group(s)<br><br><u>A</u>               |
| Field ID<br>RQ-2016-03-28-20<br>Date: 03/30/16<br>Time: _____<br><br>BLANK    |  | 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<br><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 _____ Time _____                           |                                      | <u>Eastern</u><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<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms                                                                                         |  | Longitude<br><input type="checkbox"/> dd<br><input type="checkbox"/> dms  |                                                                                    | Salinity<br>(ppt)                    |                                                                                       | Comments                                |  |                                                  |

|                  |                        |                 |              |           |                  |           |              |                     |
|------------------|------------------------|-----------------|--------------|-----------|------------------|-----------|--------------|---------------------|
| Relinquished By: | Date/Time              | Shipping Method | Received By: | Date/Time | Relinquished By: | Date/Time | Received By: | Date/Time           |
| <u>S. Orr</u>    | <u>03/30/2016 1800</u> | <u>FedEx</u>    |              |           |                  |           | <u>NRB</u>   | <u>3/31/16/9:40</u> |

|          |              |      |               |               |     |                                     |          |
|----------|--------------|------|---------------|---------------|-----|-------------------------------------|----------|
| Group: A | Bottle Type: | P-1L | # of Bottles: | Preservative: | ICE | Enter Number of Bottles Sent to Lab | <u>3</u> |
| BOD-UNIN |              |      |               |               |     |                                     |          |

|            |              |       |               |               |     |                                     |          |
|------------|--------------|-------|---------------|---------------|-----|-------------------------------------|----------|
| Group: A   | Bottle Type: | BP-1L | # of Bottles: | Preservative: | ICE | Enter Number of Bottles Sent to Lab | <u>3</u> |
| CHLSUITE-W |              |       |               |               |     |                                     |          |

|                                                                               |              |      |               |               |     |                                     |          |
|-------------------------------------------------------------------------------|--------------|------|---------------|---------------|-----|-------------------------------------|----------|
| Group: A                                                                      | Bottle Type: | P-1L | # of Bottles: | Preservative: | ICE | Enter Number of Bottles Sent to Lab | <u>3</u> |
| TURBIDITY<br>W-ALK<br>W-CL-IC<br>W-COLOR<br>W-F<br>W-SO4-IC<br>W-TDS<br>W-TSS |              |      |               |               |     |                                     |          |

|                                                 |              |         |               |               |               |                                     |          |
|-------------------------------------------------|--------------|---------|---------------|---------------|---------------|-------------------------------------|----------|
| Group: A                                        | Bottle Type: | P-500ML | # of Bottles: | Preservative: | ICE And H2SO4 | Enter Number of Bottles Sent to Lab | <u>3</u> |
| W-NH3<br>W-NO2NO3<br>W-S-A-TP<br>W-TKN<br>W-TOC |              |         |               |               |               |                                     |          |

|          |              |         |               |               |          |                                     |          |
|----------|--------------|---------|---------------|---------------|----------|-------------------------------------|----------|
| Group: A | Bottle Type: | P-125ML | # of Bottles: | Preservative: | ICE-FLTR | Enter Number of Bottles Sent to Lab | <u>3</u> |
| W-PO4-F  |              |         |               |               |          |                                     |          |

Date of Request: 09-MAR-2016  
 Created By: ASHTON\_J On: 09-MAR-2016  
 Modified By: WATTS\_J On: 15-MAR-2016  
 Customer: SW-DIST  
 Project: SMP  
 Division:  
 District: Southwest District  
 Sampling Event: 1329W, 1329L

**Send Coolers To:**

Phone: 813-470-5951  
 FL Dept. of Environmental Protection  
 13051 N. Telecom Parkway  
 Temple Terrace, FL 33637-0926  
 Attn: Matthew Bearden

Program Module Number:  
 Priority: 3  
 Event Status: A  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: WATTS\_J On: 15-MAR-2016  
 Biology Request Reviewed By: SWANSON\_C On: 10-MAR-2016  
 Sampling Kit Required: NO Ship on:  
 Sampling Kit Shipped:  
 Sampling Kit Packed By:  
 Preservatives Needed: NO  
 Date to Receive Samples: 30-MAR-2016  
 Received By:

**Send Final Report To:**

FL Dept. of Environmental Protection  
 13051 N. Telecom Parkway  
 Temple Terrace, FL 33637-0926  
 Attn: Stephen Clingerman

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: P-1L                 | Number of Bottles: 4 | Preserved With: ICE                                                                                                |
| BOD-UNIN                          | Template: DEFAULT    | (SM 5210 B) BOD, NOT nitrogen-inhibited                                                                            |
| 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- 2016-03-28-20

Shipping Method: Fedex

Date/Time of Receipt: 3/31/16/9:40

| Cooler ID  | Cooler Temperature* | No. Sample Containers in Cooler | Evidence Tape   |                                     | Tracking # (fill out only if waybill copy is damaged) |                       |
|------------|---------------------|---------------------------------|-----------------|-------------------------------------|-------------------------------------------------------|-----------------------|
|            |                     |                                 | Present?<br>Yes | No                                  | *Intact?<br>Yes                                       | No                    |
| <u>Red</u> | <u>-0.8</u>         | <u>15</u>                       |                 | <input checked="" type="checkbox"/> |                                                       | <u>8099 4719 2955</u> |
|            |                     |                                 |                 |                                     |                                                       |                       |
|            |                     |                                 |                 |                                     |                                                       |                       |
|            |                     |                                 |                 |                                     |                                                       |                       |
|            |                     |                                 |                 |                                     |                                                       |                       |
|            |                     |                                 |                 |                                     |                                                       |                       |

\*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                                                                                              |     |    |               |     |    |

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

\*\*Acid Preserved Samples: pH ≤ 2.0? Yes ☒ No ☐ NA ☐ Init: MB

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

Coolers Unpacked/Checked by: MB Date: 3/31/16 NCRs (Y/N)? N

Event ID: SW-DIST-2016-03-31-01 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 – Methyl Mercury Preservation Check:

Samples Preserved within 48 hours? Yes ☐ No ☐

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

### Additional Comments: