



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
GROUND WATER MANAGEMENT SECTION  
SAMPLE CUSTODY RECORD

RQ-2012-04-30-39

SPRS1205

| STATION IDENTIFIER |                                           | SAMPLE INFORMATION                                                                                                   |                                                                                                        |  | LAB IDENTIFIER |
|--------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--|----------------|
| 1                  | <u>WR-1</u><br>Station ID<br>Station Name | Sample Date: <u>5/2/12</u> Sample Time (EST): <u>11:42</u> Matrix: <u>(circle one) Water</u> Sediment                | CUST: WTRSHD-MGT<br>PROJ ID - CIRCLE ONE:<br>SPG_QTR_WQ<br><u>(circle one) TMDL</u><br>BMAP<br>SPRINGS |  |                |
| 2                  | <u>WR-2</u><br>Station ID<br>Station Name | Sp. Cond: <u>249</u> $\mu$ mhos/cm pH: <u>7.67</u> SU DO: <u>5.61</u> mg/L Temp: <u>21.07</u> °C<br>Comments: _____  | Lab Sample ID                                                                                          |  |                |
| 3                  | <u>WR-3</u><br>Station ID<br>Station Name | Sample Date: <u>5/2/12</u> Sample Time (EST): <u>13:57</u> Matrix: <u>(circle one) Water</u> Sediment                | Lab Sample ID                                                                                          |  |                |
| 4                  | <u>WR-4</u><br>Station ID<br>Station Name | Sp. Cond: <u>248</u> $\mu$ mhos/cm pH: <u>8.21</u> SU DO: <u>9.84</u> mg/L Temp: <u>22.75</u> °C<br>Comments: _____  | Lab Sample ID                                                                                          |  |                |
| 5                  | <u>WR-4</u><br>Station ID<br>Station Name | Sample Date: <u>5/2/12</u> Sample Time (EST): <u>14:52</u> Matrix: <u>(circle one) Water</u> Sediment                | Lab Sample ID                                                                                          |  |                |
|                    |                                           | Sp. Cond: <u>253</u> $\mu$ mhos/cm pH: <u>8.33</u> SU DO: <u>11.92</u> mg/L Temp: <u>24.63</u> °C<br>Comments: _____ | Lab Sample ID                                                                                          |  |                |
|                    |                                           | Sample Date: <u>5/2/12</u> Sample Time (EST): <u>15:33</u> Matrix: <u>(circle one) Water</u> Sediment                | Lab Sample ID                                                                                          |  |                |
|                    |                                           | Sp. Cond: <u>266</u> $\mu$ mhos/cm pH: <u>8.23</u> SU DO: <u>10.97</u> mg/L Temp: <u>24.33</u> °C<br>Comments: _____ | Lab Sample ID                                                                                          |  |                |
|                    |                                           | Sample Date: _____ Sample Time (EST): _____ Matrix: <u>(circle one) Water</u> Sediment                               | Lab Sample ID                                                                                          |  |                |
|                    |                                           | Sp. Cond: _____ $\mu$ mhos/cm pH: _____ SU DO: _____ mg/L Temp: _____ °C<br>Comments: _____                          | Lab Sample ID                                                                                          |  |                |

(Revision Date: March 2012)

Hand Delivered.  
Drop-off: Edgar G. Wade  
5/3/12 8:46

APR  
05/03/12  
08:46

Date of Request: 18-APR-2012  
 Created By: MADDOX\_G On: 18-APR-2012  
 Modified By: MILLER\_EB On: 19-APR-2012  
 Customer: WTRSHD-MGT  
 Project: TMDL  
 Division: Division of Environmental Assessment and Restoration  
 District:  
 Sampling Event: TMDL SW Sampling - Upper Wacissa Algal Study

**Send Coolers To:**

Phone: (850) 245-8511  
 2600 Blair Stone Rd.  
  
 Tallahassee, FL 32399-2400  
 Attn: Gary Maddox

Program Module Number:  
 Priority: 3  
 Event Status: R  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: BRACKETT\_K On: 19-APR-2012  
 Biology Request Reviewed By: MILLER\_EB On: 19-APR-2012  
 Sampling Kit Required: YES Ship on: 18-APR-2012  
 Sampling Kit Shipped: YES On: 24-APR-2012  
 Sampling Kit Packed By: RUSH\_F  
 Date to Receive Samples: 30-APR-2012  
 Received By: SHAIK\_A On: 03-MAY-2012

**Send Final Report To:**

2600 Blair Stone Rd.  
  
 Tallahassee, FL 32399-2400  
 Attn: Gary Maddox

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

Comments: Will pick up kits - Thanks!

**Suite A (Water) With 5 Samples:**

|                                   |                       |                                                                                                                                                |
|-----------------------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 5  | Preserved With: ICE                                                                                                                            |
| BOD-UNIN                          | Template: DEFAULT     | (SM 5210 B) BOD, NOT nitrogen-inhibited                                                                                                        |
| Bottle Type: BP-1L                | Number of Bottles: 5  | Preserved With: ICE                                                                                                                            |
| CHL-CORR-W                        | Template: DEFAULT     | (SM 10200 H (mod.)) Phytoplankton chlorophyll-a (corrected for phaeophytin) and phaeophytin by spectrophotometry                               |
| Bottle Type: P-1L                 | Number of Bottles: 5  | Preserved With: ICE                                                                                                                            |
| TURBIDITY                         | Template: DEFAULT     | (EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices                                                                                             |
| W-ALK                             | Template: DEFAULT     | (SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO <sub>3</sub> /L                                                                       |
| 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 or Apparent Color                                                                                    |
| Color (true)                      |                       |                                                                                                                                                |
| 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                                                                                      |
| Bottle Type: P-500ML              | Number of Bottles: 5  | Preserved With: HNO <sub>3</sub>                                                                                                               |
| 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 |
| Boron                             |                       |                                                                                                                                                |
| Potassium                         |                       |                                                                                                                                                |
| 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                                                                               |
| 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-PO <sub>4</sub> -F              | Template: DEFAULT     | (EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L                                                       |
| Bottle Type: BG-1L                | Number of Bottles: 12 | Preserved With: ICE                                                                                                                            |
| W-SUC-AA-R                        | Template: DEFAULT     | (DEP SOP: LC-001-2 (based on EPA 8321B)) Analysis of sucralose in water matrices by HPLC/MS/MS                                                 |

# Log-in Checklist

RQ-202-04-30-39

Shipping Method: H.D.

Date/Time of Receipt: 05-03-12 / 08:46

## COOLER CHECK

| Cooler ID | Cooler Temp. | Evidence Tape |    |          |    | No. Sample Containers in Cooler | Tracking # (fill out only if waybill copy can't be place in folder) |
|-----------|--------------|---------------|----|----------|----|---------------------------------|---------------------------------------------------------------------|
|           |              | Present?      |    | *Intact? |    |                                 |                                                                     |
|           |              | Yes           | No | Yes      | No |                                 |                                                                     |
| white     | 1.7C         |               | ✓  |          |    | 8                               |                                                                     |
| white     | 1.0C         |               | ✓  |          |    | 16                              |                                                                     |
| white     | 2.7C         |               | ✓  |          |    | 8                               |                                                                     |
|           |              |               |    |          |    |                                 |                                                                     |
|           |              |               |    |          |    |                                 |                                                                     |
|           |              |               |    |          |    |                                 |                                                                     |
|           |              |               |    |          |    |                                 |                                                                     |
|           |              |               |    |          |    |                                 |                                                                     |

If the temperature of a cooler is above 6.0 °C (or greater than 10.0 °C for W-1-4-DIOX) or an evidence seal is damaged then identify the bottles, in the affected cooler(s), on back of form.

## CONTAINER CHECK

Evidence Tape on Bottles Present: Yes ☐ No ☒ \*If Yes, is it intact: Yes ☐ No ☐

### Condition of Containers:

\*Caps on tight? Yes ☒ No ☐ \*Containers intact? Yes ☒ No ☐

\*Chain Of Custody/ Field Sheet(s) Included? Yes ☒ No ☐

\*Acid Preserved Samples: pH ≤ 2 ? Yes ☒ No ☐ NA ☐

\*Base Preserved Samples: pH ≥ 12 or 9? Yes ☐ No ☐ NA ☒  
(W-CN, OV-CN - pH ≥ 12), (W-SULFDE-F, W-SULFIDE - pH ≥ 9)

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

Were Encore samples received? Yes ☐ No ☒

If yes, place in freezer immediately upon receipt. Date/Time Placed in Freezer: \_\_\_\_\_

Was every sample placed in freezer within 48 hours of collection? Yes ☐ No ☐

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

\*Preserved Samples for W-1-4-DIOX- pH<4? Yes ☐ No ☐ NA ☒

\*Samples for W-1-4-DIOX- Samples free of chlorine? Yes ☐ No ☐ NA ☒

\*Sample Volume Sufficient: Yes ☒ No ☐

Coolers Unpacked/Checked by: ABP Date: 05/03/12 NCRs (y/n)? ☐

Event ID: TMDL SW Sampling - Upper Wacissa Al NCR #    
WTRSHD-MGT-2012-05-03-01 (TMDL)

## FOR CLEAN LAB USE ONLY - Methyl Mercury Preservation Check:

\*Samples Preserved within 48 hours? Yes ☐ No ☐

Date/Time samples preserved: \_\_\_\_\_

\* If "No" is checked then fill out the back of this form with the details (field ID, test IDs, etc.) and generate an NCR.

## Log-in Checklist

### 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<br>Cap | Damaged<br>Cap |    | Damaged<br>Container |    | Evid.Tape<br>Not Intact |
|----------|-------------------|--------------|----------------|----|----------------------|----|-------------------------|
|          |                   |              | CK             | BR | CK                   | BR |                         |
|          |                   |              |                |    |                      |    |                         |
|          |                   |              |                |    |                      |    |                         |
|          |                   |              |                |    |                      |    |                         |
|          |                   |              |                |    |                      |    |                         |
|          |                   |              |                |    |                      |    |                         |
|          |                   |              |                |    |                      |    |                         |

### Samples With Incorrect pH Preservation

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

### Samples With Insufficient Volume for Analyses

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

**Additional Comments:**

CK - Cracked, BR - Broken