



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

| RQ NUMBER          | SAMPLING AGENCY                                            | PROJECT                                                                                                                                                                                                                                           | SAMPLER NAMES                | SHIPPING METHOD: (circle or fill in)                                            | CUST: WTRSHD-MGT<br>PROJ ID - CIRCLE ONE:    |
|--------------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------------------------------------------------------------|----------------------------------------------|
| RQ-2012-03-12-18   | FDEP/GWM                                                   | WTRSHD-MGT/<br>SPG-QTR-WQ                                                                                                                                                                                                                         | Edgar G. Wade<br>Gary Maddox | FEDEX      Greyhound<br>Hand Delivered by: <u>EGWade</u><br>Other Method: _____ | <u>SPG_QTR_WQ</u><br>TMDL<br>BMAP<br>SPRINGS |
| STATION IDENTIFIER |                                                            | SAMPLE INFORMATION                                                                                                                                                                                                                                |                              |                                                                                 | LAB IDENTIFIER                               |
| 1                  | <u>GAINER #1C Spring</u><br>Station ID<br><br>Station Name | Sample Date: <u>3/15/12</u> Sample Time (EST): <u>11:45</u> Matrix: <u>Water</u> Sediment<br>Sp. Cond: <u>155</u> umhos/cm pH: <u>7.87</u> SU DO: <u>1.63</u> mg/L Temp: <u>21.28</u> °C<br>Comments: _____                                       |                              |                                                                                 | Lab Sample ID                                |
| 2                  | <u>CYPRESS Spring</u><br>Station ID<br><br>Station Name    | Sample Date: <u>3/15/12</u> Sample Time (EST): <u>13:27</u> Matrix: <u>Water</u> Sediment<br>Sp. Cond: <u>225</u> umhos/cm pH: <u>7.50</u> SU DO: <u>4.76</u> mg/L Temp: <u>20.77</u> °C<br>Comments: <u>2 divers in spring at sample time.</u>   |                              |                                                                                 | Lab Sample ID                                |
| 3                  | <u>MORRISON Spring</u><br>Station ID<br><br>Station Name   | Sample Date: <u>3/15/12</u> Sample Time (EST): <u>16:20</u> Matrix: <u>Water</u> Sediment<br>Sp. Cond: <u>229</u> umhos/cm pH: <u>7.26</u> SU DO: <u>2.90</u> mg/L Temp: <u>20.79</u> °C<br>Comments: <u>5-10 divers in spring at sample time</u> |                              |                                                                                 | Lab Sample ID                                |
| 4                  | _____<br>Station ID<br><br>Station Name                    | Sample Date: _____ Sample Time (EST): _____ Matrix: _____ Sediment<br>Sp. Cond: _____ umhos/cm pH: _____ SU DO: _____ mg/L Temp: _____ °C<br>Comments: _____                                                                                      |                              |                                                                                 | Lab Sample ID                                |
| 5                  | _____<br>Station ID<br><br>Station Name                    | Sample Date: _____ Sample Time (EST): _____ Matrix: _____ Sediment<br>Sp. Cond: _____ umhos/cm pH: _____ SU DO: _____ mg/L Temp: _____ °C<br>Comments: _____                                                                                      |                              |                                                                                 | Lab Sample ID                                |

(Revision Date: March 2012)

ABP  
03/16/12  
09:58

Delivered 3/16/12  
EGWade 9:58

Printed: 3/16/2012 10:31:08 AM

Page 1 of 1

Date of Request: 09-FEB-2012  
 Created By: HOLLAND\_K On: 09-FEB-2012  
 Modified By: BRACKETT\_K On: 21-FEB-2012  
 Customer: WTRSHD-MGT  
 Project: SPG\_QTR\_WQ  
 Division:  
 District:  
 Sampling Event: SPRG1201

**Send Coolers To:**

Phone: (561) 876 6042  
 FDEP  
 2600 Blair Stone Road  
 Tallahassee, FL, FL 32309  
 Attn: Patrick Madden, FDEP

Program Module Number:  
 Priority: 3  
 Event Status: S  
 Criminal Investigation: NO  
 Chemistry Request Reviewed By: BRACKETT\_K On: 21-FEB-2012  
 Biology Request Reviewed By:  
 Sampling Kit Required: YES Ship on: 27-FEB-2012  
 Sampling Kit Shipped: YES On: 27-FEB-2012  
 Sampling Kit Packed By: KITCHEN\_S  
 Date to Receive Samples: 12-MAR-2012  
 Received By:

**Send Final Report To:**

2600 Blair Stone Rd.  
 Tallahassee, FL 32399-2400  
 Attn: Kathryn Holland

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

Comments: Will pick up kits. Thank you!

**Suite A (Water) With 3 Samples:**

|                                   |                      |                                                                                                                                                |
|-----------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Bottle Type: P-1L                 | Number of Bottles: 3 | 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-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                                                                                      |
| Bottle Type: P-500ML              | Number of Bottles: 3 | 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                             |                      |                                                                                                                                                |
| Calcium                           |                      |                                                                                                                                                |
| Magnesium                         |                      |                                                                                                                                                |
| Potassium                         |                      |                                                                                                                                                |
| Sodium                            |                      |                                                                                                                                                |
| Bottle Type: P-500ML              | Number of Bottles: 3 | 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: 3 | 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: 8 | 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                                                 |

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

# Log-in Checklist

RQ-2012-03-12-18

Shipping Method: Hand Delivered Date/Time of Receipt: 3-16-12 / 9:58

## 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     | 2.0          |               |    | ✓        |    | 12                              |                                                                     |
|           |              |               |    |          |    |                                 |                                                                     |
|           |              |               |    |          |    |                                 |                                                                     |
|           |              |               |    |          |    |                                 |                                                                     |
|           |              |               |    |          |    |                                 |                                                                     |
|           |              |               |    |          |    |                                 |                                                                     |
|           |              |               |    |          |    |                                 |                                                                     |
|           |              |               |    |          |    |                                 |                                                                     |

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: SK Date: 3-16-12 NCRs (y/n)? N

Event ID: WTRSHD-MGT-2012-03-16-01 NCR # \_\_\_\_\_

## 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