



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION GROUND WATER MANAGEMENT

## SPRINGS SAMPLING FIELD SHEET

### STATION INFORMATION

|                 |                         |                 |        |          |                |                      |                     |
|-----------------|-------------------------|-----------------|--------|----------|----------------|----------------------|---------------------|
| SPRING NAME     | <u>Wakulla Tunnel C</u> | STATION ID      |        | DATE     | <u>7/31/13</u> | TIME(EST)            | <u>12:40</u> (24HR) |
| SAMPLE DEPTH(M) |                         | BOTTOM VISIBLE? | YES NO | WEATHER: | CLEAR          | <u>PARTLY-CLOUDY</u> | CLOUDY RAIN         |

### WATER QUALITY MEASUREMENTS

|                                                                                                                     |                  |                      |             |             |             |            |    |
|---------------------------------------------------------------------------------------------------------------------|------------------|----------------------|-------------|-------------|-------------|------------|----|
| Analytes collected for this site are as listed per the container inventory, including any QA/QC samples             |                  |                      |             |             |             | <u>YES</u> | NO |
| CHEMICAL STABILITY MONITORING                                                                                       |                  |                      |             |             |             |            |    |
| Time                                                                                                                | Temperature (°C) | Conductivity (µs/cm) | DO (% sat)  | DO (mg/l)   | pH (su)     |            |    |
| <u>12:31</u>                                                                                                        | <u>21.91</u>     | <u>344</u>           | <u>21.8</u> | <u>1.90</u> | <u>7.35</u> |            |    |
| <u>12:35</u>                                                                                                        | <u>21.90</u>     | <u>344</u>           | <u>21.0</u> | <u>1.84</u> | <u>7.34</u> |            |    |
| <u>12:39</u>                                                                                                        | <u>21.94</u>     | <u>343</u>           | <u>20.8</u> | <u>1.82</u> | <u>7.34</u> |            |    |
| Stability Criteria: Temp ± 0.2°C Sp Cond ± 5% of reading pH ± 0.2 SU DO ≤ 20% or 0.2 mg/l Turbidity ≤ 20% or 5 NTUs |                  |                      |             |             |             |            |    |

### FINAL FIELD READING

|                 |                         |                             |                     |                    |                |
|-----------------|-------------------------|-----------------------------|---------------------|--------------------|----------------|
| <u>Meter ID</u> | <u>Temperature (°C)</u> | <u>Conductivity (µs/cm)</u> | <u>D.O. (% sat)</u> | <u>D.O. (mg/l)</u> | <u>pH (su)</u> |
| <u>101901</u>   | <u>21.89</u>            | <u>343</u>                  | <u>20.5</u>         | <u>1.80</u>        | <u>7.34</u>    |

### SAMPLE PRESERVATION

|                                                                                                                                                                                              |                                    |                            |            |    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------------------|------------|----|
| Were all samples collected using the appropriate 0.45-micron filter (when applicable) & Preserved with the appropriate type and amount of acid (sulfuric for nutrients & nitric for metals)? |                                    |                            | <u>YES</u> | NO |
| Nitric Acid Lot # <u>1112080</u>                                                                                                                                                             | Sulfuric Acid Lot # <u>3111072</u> | Filter Lot # <u>850920</u> |            |    |
| Were all collected samples properly preserved and stored on wet ice at 4°C within 15 minutes?                                                                                                |                                    |                            | <u>YES</u> | NO |

|                                                                                                                         |                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>RQ LABEL</b><br><br><u>RQ-2013-07-29-45</u><br><u>SPRG1307</u>                                                       | <b>SITE LABEL</b><br><br>WAKULLA TUNNEL C<br>SPRG1307 WAKULLA TUNNEL C |
| QA/QC Taken? YES <u>NO</u><br>TIME(EST) <u>/</u> (24HR)<br>BLANK TYPE EQUIPMENT FIELD<br>PERISTALTIC PUMP ID # <u>2</u> | QA/QC LABEL (if applicable) <u>/</u> (QA/QC ID)                                                                                                             |

### COMMENTS

|              |
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| <br><br><br> |
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### SAMPLER NAMES & SIGNATURES (All team members present)

|                   |                    |
|-------------------|--------------------|
| <u>Edgar Wade</u> | <u>[Signature]</u> |
| <u>Edgar Wade</u> | <u>Gary Malloy</u> |