



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION GROUND WATER MANAGEMENT

## SPRINGS - SAMPLING FIELD SHEET

### STATION INFORMATION

|                      |                         |                 |        |          |                            |           |              |        |
|----------------------|-------------------------|-----------------|--------|----------|----------------------------|-----------|--------------|--------|
| SPRING NAME          | <u>Wakulla D Tunnel</u> | STATION ID      | _____  | DATE     | <u>12/2/14</u>             | TIME(EST) | <u>13:23</u> | (24HR) |
| SAMPLE DEPTH(meters) | <u>85.6</u>             | 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>13:17</u>                                                                                                        | <u>20.036</u>    | <u>370.0</u>         | <u>30.1</u> | <u>2.74</u> | <u>7.56</u> |              |    |
| <u>13:22</u>                                                                                                        | <u>20.103</u>    | <u>364.2</u>         | <u>30.8</u> | <u>2.79</u> | <u>7.56</u> |              |    |
| <u>13:23</u>                                                                                                        | <u>20.116</u>    | <u>366.8</u>         | <u>30.2</u> | <u>2.74</u> | <u>7.56</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

|                 |                  |                      |              |             |             |
|-----------------|------------------|----------------------|--------------|-------------|-------------|
| Meter ID        | Temperature (°C) | Conductivity (µs/cm) | D.O. (% sat) | D.O. (mg/l) | pH (su)     |
| <u>14G14105</u> | <u>20.116</u>    | <u>366.8</u>         | <u>30.2</u>  | <u>2.74</u> | <u>7.56</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>1113100</u> | Sulfuric Acid Lot # | <u>138305</u> | Filter Lot # | _____ |
| Were all collected samples properly preserved and stored on wet ice at 4°C within 15 minutes?                                                                                                |                |                     | <u>(YES)</u>  | NO           |       |

|                                            |                                                                                                                                        |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| RQ LABEL                                   | SITE LABEL                                                                                                                             |
| <u>RQ-2014-12-01-21</u><br><u>SPRG1410</u> | <br>WAKULLA D TUNNEL<br>SPRG1410 WAKULLA D TUNNEL |
| QA/QC Taken? YES <u>(NO)</u>               | QA/QC LABEL (QA/QC ID)                                                                                                                 |
| TIME(EST) _____ (24HR)                     | (if applicable)                                                                                                                        |
| BLANK TYPE EQUIPMENT FIELD                 |                                                                                                                                        |
| PERISTALTIC PUMP ID # _____                |                                                                                                                                        |

### COMMENTS

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### SAMPLER NAMES & SIGNATURES (All team members present)

|                                          |
|------------------------------------------|
| <u>Gary Maddox</u><br><u>[Signature]</u> |
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