



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION GROUND WATER MANAGEMENT

## SPRINGS - SAMPLING FIELD SHEET

### STATION INFORMATION

|                      |                |                 |            |      |               |              |                           |
|----------------------|----------------|-----------------|------------|------|---------------|--------------|---------------------------|
| SPRING NAME          | <u>Cypress</u> | STATION ID      |            | DATE | <u>9/5/14</u> | TIME(EST)    | <u>13:00</u> (24HR)       |
| SAMPLE DEPTH(meters) | <u>5.8</u>     | BOTTOM VISIBLE? | <u>YES</u> | NO   | WEATHER:      | <u>CLEAR</u> | PARTLY-CLOUDY 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>12:50</u>                                                                                                        | <u>21.00</u>     | <u>214</u>           | <u>53.2</u> | <u>4.74</u> | <u>7.75</u> |            |    |
| <u>12:54</u>                                                                                                        | <u>21.08</u>     | <u>215</u>           | <u>52.4</u> | <u>4.66</u> | <u>7.70</u> |            |    |
| <u>12:58</u>                                                                                                        | <u>20.96</u>     | <u>213</u>           | <u>58.2</u> | <u>5.19</u> | <u>7.70</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>21.05</u>     | <u>213</u>           | <u>57.3</u>  | <u>5.09</u> | <u>7.75</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 #                                                                                                                                                                            | Sulfuric Acid Lot # | 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<br><br><u>RQ-2014-09-08-11</u><br><u>SPRG1407</u>                                     | SITE LABEL<br><br>CYPRESS SPRING<br>SPRG1407 CYPRESS SPRING |
| QA/QC Taken? YES NO<br>TIME(EST) (24HR)<br>BLANK TYPE EQUIPMENT FIELD<br>PERISTALTIC PUMP ID # | QA/QC LABEL (QA/QC ID)<br>(if applicable)                                                                                                       |

### COMMENTS

|                                                                               |
|-------------------------------------------------------------------------------|
| <u>Temp 4.05, clear, bot visible, fish in bottom, DO 0.1 mg/l, quality DO</u> |
|-------------------------------------------------------------------------------|

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

|                                      |                                        |
|--------------------------------------|----------------------------------------|
| <u>F. Eiler</u><br><u>K. O'Brien</u> | <u>G. Malloy</u><br><u>[Signature]</u> |
|--------------------------------------|----------------------------------------|