



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION GROUND WATER MANAGEMENT

## SPRINGS - SAMPLING FIELD SHEET

### STATION INFORMATION

|                                     |                                                                                     |                                                                                                                                                     |                               |
|-------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| SPRING NAME <u>Blue Hole Spring</u> | STATION ID _____                                                                    | DATE <u>6/25/14</u>                                                                                                                                 | TIME(EST) <u>15:00</u> (24HR) |
| SAMPLE DEPTH(meters) <u>10</u>      | BOTTOM VISIBLE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | WEATHER: CLEAR <input type="checkbox"/> PARTLY-CLOUDY <input type="checkbox"/> <u>CLOUDY</u> <input type="checkbox"/> RAIN <input type="checkbox"/> |                               |

### WATER QUALITY MEASUREMENTS

|                                                                                                                                                                             |                  |                      |             |             |             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------|-------------|-------------|-------------|
| Analytes collected for this site are as listed per the container inventory, including any QA/QC samples <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |                  |                      |             |             |             |
| CHEMICAL STABILITY MONITORING                                                                                                                                               |                  |                      |             |             |             |
| Time                                                                                                                                                                        | Temperature (°C) | Conductivity (µs/cm) | DO (% sat)  | DO (mg/l)   | pH (su)     |
| <u>14:49</u>                                                                                                                                                                | <u>22.34</u>     | <u>311</u>           | <u>72.3</u> | <u>6.27</u> | <u>7.34</u> |
| <u>14:54</u>                                                                                                                                                                | <u>22.29</u>     | <u>311</u>           | <u>68.5</u> | <u>5.93</u> | <u>7.37</u> |
| <u>14:59</u>                                                                                                                                                                | <u>22.36</u>     | <u>310</u>           | <u>66.0</u> | <u>5.71</u> | <u>7.39</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>YSI 12</u> | <u>22.29</u>     | <u>311</u>           | <u>65.6</u>  | <u>5.69</u> | <u>7.39</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)? |                                  |                              | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| Nitric Acid Lot # <u>113100</u>                                                                                                                                                              | Sulfuric Acid Lot # <u>13511</u> | Filter Lot # <u>73050004</u> |                                                                     |
| Were all collected samples properly preserved and stored on wet ice at 4°C within 15 minutes?                                                                                                |                                  |                              | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |

|                                                                                                                                                                                              |                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RQ LABEL<br><br><b>RQ-2014-04-21-45</b><br><b>SPRG1404</b>                                                                                                                                   | SITE LABEL<br><br>BLUE HOLE SPRING (COLUMBIA)<br>SPRG1404 BLUE HOLE SPRING (COLUMBIA) |
| QA/QC Taken? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/><br>TIME(EST) _____ (24HR)<br>BLANK TYPE _____ EQUIPMENT _____ FIELD _____<br>PERISTALTIC PUMP ID # <u>1</u> | QA/QC LABEL (if applicable) _____ (QA/QC ID) _____                                                                                                                         |

### COMMENTS

|                           |
|---------------------------|
| <u>Skull Gauge = 3.06</u> |
|                           |
|                           |
|                           |

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

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