



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION GROUND WATER MANAGEMENT

## SPRINGS - SAMPLING FIELD SHEET

### STATION INFORMATION

|                      |                         |                 |                                                               |          |                                                                                                                                    |           |                     |
|----------------------|-------------------------|-----------------|---------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------|
| SPRING NAME          | <u>Ichetucknee Main</u> | STATION ID      | <u>9713</u>                                                   | DATE     | <u>11/22/14</u>                                                                                                                    | TIME(EST) | <u>17:01</u> (24HR) |
| SAMPLE DEPTH(meters) | <u>60.0</u>             | BOTTOM VISIBLE? | <input checked="" type="radio"/> YES <input type="radio"/> NO | WEATHER: | <input checked="" type="radio"/> CLEAR <input type="radio"/> PARTLY-CLOUDY <input type="radio"/> CLOUDY <input type="radio"/> RAIN |           |                     |

### WATER QUALITY MEASUREMENTS

|                                                                                                                     |                  |                      |             |             |             |                                                               |
|---------------------------------------------------------------------------------------------------------------------|------------------|----------------------|-------------|-------------|-------------|---------------------------------------------------------------|
| Analytes collected for this site are as listed per the container inventory, including any QA/QC samples             |                  |                      |             |             |             | <input checked="" type="radio"/> YES <input type="radio"/> NO |
| CHEMICAL STABILITY MONITORING                                                                                       |                  |                      |             |             |             |                                                               |
| Time                                                                                                                | Temperature (°C) | Conductivity (µs/cm) | DO (% sat)  | DO (mg/l)   | pH (su)     |                                                               |
| <u>16:52</u>                                                                                                        | <u>21.30</u>     | <u>311</u>           | <u>41.7</u> | <u>3.69</u> | <u>7.24</u> |                                                               |
| <u>16:56</u>                                                                                                        | <u>21.36</u>     | <u>311</u>           | <u>41.1</u> | <u>3.64</u> | <u>7.26</u> |                                                               |
| <u>17:00</u>                                                                                                        | <u>21.36</u>     | <u>311</u>           | <u>40.3</u> | <u>3.57</u> | <u>7.26</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>101901</u> | <u>21.39</u>     | <u>311</u>           | <u>40.5</u>  | <u>3.58</u> | <u>7.27</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="radio"/> YES <input type="radio"/> 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?                                                                                                |                     |              | <input checked="" type="radio"/> YES <input type="radio"/> NO |

|                                                                                                                                                                                                                                 |                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RQ LABEL<br><br><u>RQ-2014-01-27-27</u><br><br><u>SPRG1401</u>                                                                                                                                                                  | SITE LABEL<br><br><u>ICHETUCKNEE HEAD SPRING</u><br><u>SPRG1401 ICHETUCKNEE HEAD SPRING</u> |
| QA/QC Taken? <input checked="" type="radio"/> YES <input type="radio"/> NO<br>TIME(EST) <u>19:40</u> (24HR)<br>BLANK TYPE <input checked="" type="radio"/> EQUIPMENT <input type="radio"/> FIELD<br>PERISTALTIC PUMP ID # _____ | QA/QC LABEL (if applicable)<br><br><u>QAQC BLANK 1</u><br><u>SPRG1401</u>                   |

### COMMENTS

|                                                                                         |
|-----------------------------------------------------------------------------------------|
| <u>well is visible, many small fish present, water level is lower than last quarter</u> |
|-----------------------------------------------------------------------------------------|

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

|                                 |                                         |
|---------------------------------|-----------------------------------------|
| <u>Keller</u><br><u>Heckler</u> | <u>Gary Malby</u><br><u>[Signature]</u> |
|---------------------------------|-----------------------------------------|