



# FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION GROUND WATER MANAGEMENT

## SPRINGS - SAMPLING FIELD SHEET

### STATION INFORMATION

|                      |                |                 |                                                               |          |                                                                                                                                    |           |      |        |
|----------------------|----------------|-----------------|---------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------|-----------|------|--------|
| SPRING NAME          | CASSIDY SPRING | STATION ID      |                                                               | DATE     | 7/20/14                                                                                                                            | TIME(EST) | 6:14 | (24HR) |
| SAMPLE DEPTH(meters) |                | BOTTOM VISIBLE? | YES <input type="radio"/> NO <input checked="" type="radio"/> | WEATHER: | CLEAR <input type="radio"/> PARTLY-CLOUDY <input checked="" type="radio"/> CLOUDY <input type="radio"/> RAIN <input type="radio"/> |           |      |        |

### WATER QUALITY MEASUREMENTS

|                                                                                                                     |                  |                      |            |           |         |                                                               |
|---------------------------------------------------------------------------------------------------------------------|------------------|----------------------|------------|-----------|---------|---------------------------------------------------------------|
| Analytes collected for this site are as listed per the container inventory, including any QA/QC samples             |                  |                      |            |           |         | YES <input checked="" type="radio"/> NO <input type="radio"/> |
| CHEMICAL STABILITY MONITORING                                                                                       |                  |                      |            |           |         |                                                               |
| Time                                                                                                                | Temperature (°C) | Conductivity (µs/cm) | DO (% sat) | DO (mg/l) | pH (su) |                                                               |
| 15:05                                                                                                               | 20.15            | 243                  | 16.2       | 1.46      | 7.07    |                                                               |
| 15:09                                                                                                               | 20.16            | 243                  | 15.7       | 1.42      | 7.06    |                                                               |
| 15:13                                                                                                               | 20.16            | 243                  | 15.5       | 1.41      | 7.05    |                                                               |
| 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) |
| 101901   | 20.16            | 243                  | 15.4         | 1.40        | 7.05    |

### 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)? |                     |              | YES <input checked="" type="radio"/> NO <input type="radio"/> |
| 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?                                                                                                |                     |              | YES <input checked="" type="radio"/> NO <input type="radio"/> |

|                                                                                   |                        |
|-----------------------------------------------------------------------------------|------------------------|
| RQ LABEL                                                                          | SITE LABEL (site ID)   |
| RQ-2014-03-10-25<br>SPRS1403                                                      | CASSIDY SPRING         |
| QA/QC Taken? YES <input checked="" type="radio"/> NO <input type="radio"/>        | QA/QC LABEL (QA/QC ID) |
| TIME(EST) 8:27 (24HR)                                                             |                        |
| BLANK TYPE EQUIPMENT <input type="radio"/> FIELD <input checked="" type="radio"/> |                        |
| PERISTALTIC PUMP ID #                                                             |                        |

### COMMENTS

Very tank, boil visible, heavy vegetation in basin, making it difficult to see, darkest spring on map, no flow

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

|                                          |                              |                                      |
|------------------------------------------|------------------------------|--------------------------------------|
| Edgar Wade<br>Gory Malloy<br>[Signature] | Kirstin Eller<br>[Signature] | Kristina Bridger<br>Kristina Bridger |
|------------------------------------------|------------------------------|--------------------------------------|