

**STATE OF FLORIDA**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**SPRINGS SAMPLING FIELD SHEET**

**Station Information**

|                                              |                                        |                                                                                   |
|----------------------------------------------|----------------------------------------|-----------------------------------------------------------------------------------|
| STATION ID: _____                            | DATE: <u>2/14/2013</u><br>(MM/DD/YYYY) | TIME (EST): <u>16:38</u> (24 hr)<br>(Final field measurements; start of sampling) |
| SPRING NAME: <u>Baird Spring #4</u>          | VENT ID: _____                         |                                                                                   |
| WEATHER CONDITIONS (Circle One) <u>Clear</u> | Partly Cloudy                          | Cloudy      Rain                                                                  |

**Water Quality Measurements**

|                                                                                                                   |                          |                                     |             |             |             |                  |                      |
|-------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------|-------------|-------------|-------------|------------------|----------------------|
| Secchi Depth: <u>N/A</u> (meters)                                                                                 | Secchi Visible on Bottom | Yes      No (Circle One) <u>N/A</u> |             |             |             |                  |                      |
| Stage (if available): <u>N/A</u> (Feet)                                                                           |                          |                                     |             |             |             |                  |                      |
| Estimated depth in vent from which laboratory samples were collected: <u>N/A</u> (meters)                         |                          |                                     |             |             |             |                  |                      |
| Analytes collected for this site are as listed per the container inventory, including QA/QC samples <u>Yes</u> No |                          |                                     |             |             |             |                  |                      |
| Field Measurements (if field measurement result has to be qualified, enter F next to the value below):            |                          |                                     |             |             |             |                  |                      |
| Estimated Depth (meters)                                                                                          | Meter Id                 | Measure ment #                      | pH (s.u.)   | D.O. (mg/L) | % D.O.      | Temperature (°C) | Conductivity (uS/cm) |
| <u>N/A</u>                                                                                                        | <u>101901</u>            | <u>9</u>                            | <u>7.32</u> | <u>2.90</u> | <u>34.6</u> | <u>22.11</u>     | <u>12448</u>         |

**Sample Preservation**

|                                                                                                                                               |            |                 |                                  |                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------|----------------------------------|----------------------------|
| Was a new 0.45-micron capsule filter used to collect the final metals and nutrients/anions samples?                                           | <u>Yes</u> | No (Circle One) |                                  |                            |
| Were all appropriate samples preserved within 15 minutes?                                                                                     | <u>Yes</u> | No              |                                  |                            |
| Were total nutrient samples preserved with sulfuric acid?                                                                                     | <u>Yes</u> | No              | Total volume added <u>2</u> (mL) | Final pH <u>4.2</u> (s.u.) |
| Were filtered nutrient samples preserved with sulfuric acid?                                                                                  | <u>Yes</u> | No              | Total volume added <u>2</u> (mL) | Final pH <u>4.2</u> (s.u.) |
| Were total metal samples preserved with nitric acid?                                                                                          | <u>Yes</u> | No              | Total volume added <u>2</u> (mL) | Final pH <u>4.2</u> (s.u.) |
| Were filtered metal samples preserved with nitric acid?                                                                                       | <u>Yes</u> | No              | Total volume added <u>2</u> (mL) | Final pH <u>4.2</u> (s.u.) |
| (If additional bottles for the nutrient or metal samples were preserved, note volume of acid added and final pH for each one in the Comments) |            |                 |                                  |                            |
| Were all appropriate samples, in accordance with the container inventory, put on wet ice at 4°C?                                              | <u>Yes</u> | No              |                                  |                            |

**COMMENTS:**

no boil present, could  
not see vent because  
of cloudy water most  
likely caused by algae

**RQ-2013-01-07-25**

**SPRS1301**

**QA/QC TAKEN?** N/A

TIME COLLECTED \_\_\_\_\_

(Circle One)

EQUIPMENT BLANK

FIELD BLANK

Blanks collected in accordance with  
Springs Initiative Monitoring SOP

**Samplers Signatures (all team members present):**

[Signature] [Signature]  
[Signature]



**BAIRD SPRING RUN #4**

**SPRS1301 BAIRD SPRING RUN**

STATION ID: \_\_\_\_\_

DATE: 1/14/13TIME (EST): 10:38

## CHEMICAL STABILITY MONITORING

| #  | TIME<br>(00:00) | pH<br>(s.u.) | TEMP.<br>(°C) | SP.<br>COND<br>(uS/cm) | DO<br>(mg/L) | % SAT DO<br>(%) | COMMENTS |
|----|-----------------|--------------|---------------|------------------------|--------------|-----------------|----------|
| 1  | 10:23           | 7.33         | 22.13         | 121751                 | 3.08         | 36.9            |          |
| 2  | 10:25           | 7.33         | 22.12         | 12497                  | 3.02         | 36.2            |          |
| 3  | 10:27           | 7.32         | 22.11         | 12667                  | 32.95        | 35.3            |          |
| 4  | 10:29           | 7.32         | 22.11         | 12660                  | 2.90         | 34.7            |          |
| 5  | 10:31           | 7.32         | 22.11         | 12658                  | 2.89         | 34.6            |          |
| 6  | 10:33           | 7.32         | 22.13         | 12653                  | 2.88         | 34.5            |          |
| 7  | 10:35           | 7.32         | 22.11         | 12651                  | 2.88         | 34.4            |          |
| 8  | 10:37           | 7.33         | 22.11         | 12649                  | 2.89         | 34.6            |          |
| 9  |                 |              |               |                        |              |                 |          |
| 10 |                 |              |               |                        |              |                 |          |
| 11 |                 |              |               |                        |              |                 |          |
| 12 |                 |              |               |                        |              |                 |          |
| 13 |                 |              |               |                        |              |                 |          |
| 14 |                 |              |               |                        |              |                 |          |
| 15 |                 |              |               |                        |              |                 |          |

Meter Id: 10901Field Measurements Analyzed By: KE (initials)Field Measurements Recorded By: KE (initials)

The final three measurements will be evaluated for each of the field parameters listed above (only the values in mg/L for DO) to ensure that representative measurements have been collected for a site. The lowest and highest values for the three measurements must be within 20% when calculating the relative percent difference (RPD). If these values are not within 20%, the final field measurement value will be qualified as being estimated with an F value qualifier.

$$RPD = \frac{(\text{Highest Value} - \text{Lowest Value})}{(\text{Mean Value of Highest and Lowest Values})} \times 100\%$$