STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SPRINGS SAMPLING FIELD SHEET

Sucralose: RQ-2011-09-26-29

RQ-2011-09-26-28

on Information

STATION ID: _____ DATE: 10/4/11 (MM/DD/YYYY) TIME (EST): 14.11 (24 hr) (Final field measurements; start of sampling)

SPRING NAME: Rainbow Cave Spring VENT ID: _____

WEATHER CONDITIONS (Circle One) (Clear) Partly Cloudy Cloudy Rain

Water Quality Measurements

Secchi Depth: 4.5L (meters) Secchi Visible on Bottom Yes No (Circle One)

Stage (if available): _____ (Feet)

Estimated depth in vent from which laboratory samples were collected: 4.5 (meters)

Analytes collected for this site are as listed per the container inventory, including QA/QC samples (Yes) No

Field Measurements (if field measurement result has to be qualified, enter F next to the value below):

Estimated Depth (meters)	Meter Id	Measurement #	pH (s.u.)	D.O. (mg/L)	% D.O.	Temperature (°C)	Conductivity (uS/cm)
4.5	QD03629	5	7.3	4.94	58.3	23.6	344

ple Preservation

s a new 0.45-micron capsule filter used to collect the final metals and nutrients/anions samples? Yes No (Circle One)

re all appropriate samples preserved within 15 minutes? (Yes) No

re total nutrient samples preserved with sulfuric acid? (Yes) No Total volume added 0.5 (mL) Final pH <2 (s.u.)

re filtered nutrient samples preserved with sulfuric acid? Yes No Total volume added ____ (mL) Final pH ____ (s.u.)

e total metal samples preserved with nitric acid? (Yes) No Total volume added 1 (mL) Final pH <2 (s.u.)

e filtered metal samples preserved with nitric acid? Yes No Total volume added ____ (mL) Final pH ____ (s.u.)

ddditional bottles for the nutrient or metal samples were preserved, note volume of acid added and final pH for each one in the Comments)

e all appropriate samples, in accordance with the container inventory, put on wet ice at 4°C? (Yes) No

MMENTS: HNO_3 #1110070 exp: 6/23/11
H_2SO_4 #106111 exp 6/2/12

QA/QC TAKEN? NO

TIME COLLECTED _____

(Circle One)

EQUIPMENT BLANK

FIELD BLANK

Blanks collected in accordance with Springs Initiative Monitoring SOP

nplers Signatures (all team members present): Laura Lee

Place Barcode Label

STATION ID: Rainbow Cave Spring

DATE: 10/4/11

TIME (EST): 14:11

CHEMICAL STABILITY MONITORING

#	TIME (00:00)	pH (s.u.)	TEMP. (°C)	SP. COND (uS/cm)	DO (mg/L)	% SAT DO (%)	COMMENTS
1	14:03	7.33	23.61	344	4.99	58.9	Began purging @ 13:50
2	14:05	7.33	23.62	343	4.98	58.8	
3	14:07	7.33	23.60	343	4.97	58.7	
4	14:09	7.34	23.61	344	4.95	58.5	
5	14:11	7.34	23.57	344	4.94	58.3	
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

Meter Id: QD03629

Field Measurements Analyzed By: LH (initials)

Field Measurements Recorded By: LH (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.

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

$\frac{.03}{4.955}$