



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION GROUND WATER MANAGEMENT

SPRINGS - SAMPLING FIELD SHEET

STATION INFORMATION

SPRING NAME Volusia Blue Spring STATION ID _____ DATE 8/22/13 TIME(EST) 11:20 (24HR)
SAMPLE DEPTH(meters) 4.5 BOTTOM VISIBLE? ☒ YES NO WEATHER: CLEAR ☒ PARTLY-CLOUDY CLOUDY RAIN

WATER QUALITY MEASUREMENTS

Analytes collected for this site are as listed per the container inventory, including any QA/QC samples ☒ YES NO

CHEMICAL STABILITY MONITORING

Time	Temperature (°C)	Conductivity (µs/cm)	DO (% sat)	DO (mg/l)	pH (su)
<u>11:10</u>	<u>24.62</u>	<u>2753</u>	<u>9.7</u>	<u>0.80</u>	<u>7.26</u>
<u>11:20</u>	<u>24.37</u>	<u>2756</u>	<u>8.5</u>	<u>0.70</u>	<u>7.25</u>
<u>11:34</u>	<u>24.27</u>	<u>2753</u>	<u>7.9</u>	<u>0.66</u>	<u>7.25</u>

Stability Criteria: Temp $\pm 0.2^{\circ}\text{C}$ Sp Cond $\pm 5\%$ of reading pH ± 0.2 SU DO $\leq 20\%$ or 0.2 mg/l Turbidity $\leq 20\%$ 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>24.30</u>	<u>2752</u>	<u>7.8</u>	<u>0.65</u>	<u>7.24</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)? ☒ YES NO

Nitric Acid Lot # 1112080 Sulfuric Acid Lot # 3111072 Filter Lot # 85092C

Were all collected samples properly preserved and stored on wet ice at 4°C within 15 minutes? ☒ YES NO

RQ LABEL <u>RQ-2013-08-19-27</u> <u>SPRG1307</u>	SITE LABEL  <u>VOLUSIA BLUE SPRING</u> <u>SPRG1307 VOLUSIA BLUE SPRING</u>
QA/QC Taken? ☒ YES ☒ NO <u>FE</u> TIME(EST) <u>11:45</u> (24HR) BLANK TYPE ☒ EQUIPMENT ☒ FIELD PERISTALTIC PUMP ID # <u>1</u>	QA/QC LABEL (if applicable)  <u>QAQC BLANK 2</u> <u>SPRG1304</u>

COMMENTS

Bottom visible, water is clear despite green tint

SAMPLER NAMES & SIGNATURES (All team members present)

Keller
Edgar Wade
Edgar Wade