



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION GROUNDWATER MANAGEMENT

SPRINGS - SAMPLING FIELD SHEET

STATION INFORMATION

SPRING NAME	<u>Volusia Blue Spring</u>	STATION ID	_____	DATE	<u>10-12-17</u>	TIME(EST)	<u>1112</u> (24HR)
SAMPLE DEPTH(meters)	<u>12.2m</u>	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>1105</u>	<u>23.5</u>	<u>1801</u>	<u>34.8</u>	<u>2.93</u>	<u>7.2</u>	
<u>1108</u>	<u>23.5</u>	<u>1801</u>	<u>32.4</u>	<u>2.7</u>	<u>7.2</u>	
<u>1111</u>	<u>23.5</u>	<u>1801</u>	<u>30.9</u>	<u>2.6</u>	<u>7.2</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>Boop/Now</u>	<u>23.5</u>	<u>1801</u>	<u>30.9</u>	<u>2.6</u>	<u>7.2</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 # <u>NA-7086060, exp: 3/27/18</u> Sulfuric Acid Lot # <u>SA7163030, exp: 6/12/18</u>	
Were all collected samples properly preserved and stored on wet ice at 4°C within 15 minutes?	☒ YES ☐ NO

RQ LABEL	(RQ number)	BLUE SPRINGS
	<u>2017-09-25-36</u>	RQ- 2017-09-25-36
		DATE:
QA/QC Taken?	YES ☐ NO ☒	
TIME(EST)	_____ (24HR)	QA/QC LABEL (if applicable)
QA SAMPLE TYPE:	EQUIPMENT ☐ FIELD ☐ DUPLICATE ☐	(QA/QC ID)
PERISTALTIC PUMP ID #	<u>Ambient 4652, Masterflex Pump # 4</u>	

COMMENTS

Project ID:	<u>SPG QTR-WQ; Sprs 1722- Outstanding FL Springs Sampling</u>
Watershed Management, Project Contact:	<u>Gary Maddox Ext - 58511</u>

SAMPLER NAMES & SIGNATURES (All team members present)

<u>Terry Riordan</u>
<u>Katie Williams</u>