

**U.S. DEPARTMENT OF THE INTERIOR**  
**U.S. Geological Survey**  
WATER RESOURCES DIVISION  
**DISCHARGE MEASUREMENT AND**  
**GAGE INSPECTION NOTES**

Meas. No. 71  
Comp. by \_\_\_\_\_  
Checked by \_\_\_\_\_  
*no next verif. SVL*

Sta. No. \_\_\_\_\_  
Sta. Name F5 Aiken  
Date 1/12/10, 20 10 Party BAM  
Width \_\_\_\_\_ Area \_\_\_\_\_ Vel. \_\_\_\_\_ G. H. \_\_\_\_\_ Disch. 0.186 cfs  
Method BASKI No. secs. \_\_\_\_\_ G. H. change \_\_\_\_\_ in \_\_\_\_\_ hrs.  
Method coef. \_\_\_\_\_ Horiz. angle coef. \_\_\_\_\_ Susp. \_\_\_\_\_ Tags checked \_\_\_\_\_  
Meter Type \_\_\_\_\_ Meter No. \_\_\_\_\_ Meter \_\_\_\_\_ ft. above bottom of wt.  
Rating used \_\_\_\_\_ Spin test before meas. \_\_\_\_\_; after \_\_\_\_\_  
Meas. plots \_\_\_\_\_ % diff. from rating no. \_\_\_\_\_ Indicated shift \_\_\_\_\_

GAGE READINGS				
Time		<u>Baski</u>	Inside	Outside
<u>16:50</u>		<u>0.21</u>	<u>1.23</u>	<u>0.29</u>
	Start			
	Finish			
	Weighted MGH			
	GH correction			
	Correct MGH			

Samples collected: water quality,  
sediment, biological, other \_\_\_\_\_  
1.29 16:30  
Measurements documented on  
separate sheets: water quality,  
aux./base gage, other \_\_\_\_\_  
Rain gage serviced/calibrated \_\_\_\_\_  
Weather: clear  
Air Temp. 7 °C at 17:06  
Water Temp: 11 °C at 17:07  
Check bar/chain found \_\_\_\_\_  
Changed to \_\_\_\_\_ at \_\_\_\_\_  
Correct \_\_\_\_\_

Wading, cable, ice, boat, upstr., downstr., side bridge, 50 ft., mi. upstr., downstr. of gage.  
Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following  
conditions: Flow: \_\_\_\_\_  
Cross section: \_\_\_\_\_

Gage operating: \_\_\_\_\_ Record Removed \_\_\_\_\_  
Battery voltage: 13.59 Intake/Orifice cleaned/purged: \_\_\_\_\_  
Bubble-gage pressure, psi: Tank 900, Line 12; Bubble-rate \_\_\_\_\_ /min.  
Extreme-GH indicators: max \_\_\_\_\_, min \_\_\_\_\_  
CSG checked: \_\_\_\_\_ HWM height on stick \_\_\_\_\_ Ref. elev. \_\_\_\_\_ HWM elev. \_\_\_\_\_  
HWM inside/outside: \_\_\_\_\_  
Control: tree + clear  
pH = 8.259  
Remarks: SC = 89.8 @ 10.4 °C  
(1) 1.23 (2) 10.78 (3) 126.9 (4) 13.59  
GH of zero flow = GH \_\_\_\_\_ - depth at control \_\_\_\_\_ = \_\_\_\_\_ ft., rated \_\_\_\_\_