

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

Meas. No. \_\_\_\_\_  
Comp. by AS  
Checked by \_\_\_\_\_

Sta. No. FS  
Sta. Name Aiken  
Date 19 Dec, 20 13 Party ARGM, AS  
Width \_\_\_\_\_ Area \_\_\_\_\_ Vel. \_\_\_\_\_ G. H. \_\_\_\_\_ Disch. 6.046 cfs  
Method Flowtrack, 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			Inside	Outside
16:46			3.73	1.59
16:54	Start	H <sub>2</sub> O temp 9.34 SC	72.2	79.6
17:38		st	3.76	1.60
	Finish			
	Weighted MGH			
	GH correction			
	Correct MGH			

Samples collected: water quality  
sediment, biological, other \_\_\_\_\_  
16:45

Measurements documented on  
separate sheets: water quality, \_\_\_\_\_  
aux./base gage, other \_\_\_\_\_

Rain gage serviced/calibrated \_\_\_\_\_

Weather: SUNNY, cold wind  
Air Temp. \_\_\_\_\_ °C at \_\_\_\_\_  
Water Temp: \_\_\_\_\_ °C at \_\_\_\_\_  
Check bar/chain found \_\_\_\_\_  
Changed to \_\_\_\_\_ at \_\_\_\_\_  
Correct \_\_\_\_\_

Wading, cable, ice, boat, upstr., downstr., side bridge, \_\_\_\_\_ 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: \_\_\_\_\_ Intake/Orifice cleaned/purged: \_\_\_\_\_  
Bubble-gage pressure, psi: Tank 2,000, Line \_\_\_\_\_; Bubble-rate \_\_\_\_\_ /min.  
Extreme-GH indicators: max \_\_\_\_\_, min \_\_\_\_\_  
CSG checked: \_\_\_\_\_ HWM height on stick \_\_\_\_\_ Ref. elev. \_\_\_\_\_ HWM elev. \_\_\_\_\_  
HWM inside/outside: \_\_\_\_\_

Control: 2 back, FS DEC 19

Remarks: 2H 7.50

Head of zero flow = GH \_\_\_\_\_ - depth at control \_\_\_\_\_ = \_\_\_\_\_ ft., rated \_\_\_\_\_