

U.S. DEPARTMENT OF THE INTERIOR
U.S. Geological Survey
WATER RESOURCES DIVISION
DISCHARGE MEASUREMENT NOTES

Sta. No. FS Aiken Meas. No. 67
Date 12/10/09 Party BAM Comp. by _____
Width _____ Area _____ Vel. _____ G. H. _____ Disch 0.169
Method _____ No. secs. _____ G. H. change _____ in _____ hrs. Susp. _____
Method coef. _____ Hor. angle coef. _____ Susp. coef. _____ Meter No. _____
Type of meter Flume Date rated _____ Tag checked _____
Meter _____ ft. above bottom of wt. Spin before meas. _____ after _____
Meas. plots _____ % diff. from _____ rating. Levels obtained _____

GAGE READINGS				WATER QUALITY MEASUREMENTS		
Time	Inside	Flume	Outside	No <input checked="" type="checkbox"/>	Yes _____	Time _____
<u>14:00</u>	<u>1.32</u>	<u>0.20</u>	<u>0.29</u>	<u>1.29</u>	Samples Collected _____	
<u>14:15</u>	<u>1.34</u>	<u>0.20</u>	<u>0.29</u>	<u>1.29</u>	Yes _____	Time _____
				No _____	Method Used _____	
				EDI _____	EWI _____	Other _____
				SEDIMENT SAMPLES		
				No <input checked="" type="checkbox"/>	Yes _____	Time _____
				Method Used _____		
				EDI _____	EWI _____	Other _____
				BIOLOGICAL SAMPLES		
Weighted M.G.H.				Yes _____	Time _____	
G.H. correction				No <input checked="" type="checkbox"/>	Type _____	
Correct M.G.H.						

Check bar. chain found ✓ changed to _____ at _____
Wading, cable, ice, boat, upstr., downstr., side bridge _____ feet, mile, above, below gage.
Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:
Flow flume -
Cross section used rocks, sand gravel
Control free and clear
Gage operating yes Weather overcast
Intake/Orifice cleaned _____ Air 1 °C @ 14:15 Water 6 °C @ 14:18
Record removed _____ Extreme Indicator: Max. _____ Min. _____
Nitrogen Pressure Tank 1000 Feed 12 Bbl rate _____ per min.
CSG checked _____ Stick reading _____
Observer _____
HWM _____ outside, in well _____
Remarks * 6: (1) 1.34 (2) 5.56 (3) 147.47
14) 13.16 checked N₂ tank = OK
G.H. of zero flow _____ ft. Sheet No. _____ of _____ sheets