

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

Meas. No. 69
Comp. by SLD
Checked by _____

Sta. No. _____

FS - Aiken Stream

Date Dec 22, 192007 Party SLD

Width _____ Area _____ Vel. _____ G. H. _____ Disch _____

Method Flume No. secs. _____ G. H. change _____ in _____ hrs. Susp. _____

Method coef. _____ Hor. angle coef. _____ Susp. coef. _____ Meter No. _____

Type of meter Baski 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	<u>Baski</u>	Outside	No	Yes <input checked="" type="checkbox"/>	Time <u>1850</u>
<u>1843</u>	<u>1.1566</u>	<u>.10</u>	<u>.14</u>	<u>1.14</u>	Samples Collected <u>SL</u>	
<u>1845</u>	<u>1.1435</u>	<u>0.042 cfs</u>	<u>.14</u>	<u>1.14</u>	WT = <u>4.3°C</u>	
				No	Yes	Time <u>PH</u>
				Method Used		
				EDI	EWI	Other
				SEDIMENT SAMPLES		
				No <input checked="" type="checkbox"/>	Yes	Time
				Method Used		
				EDI	EWI	Other
				BIOLOGICAL SAMPLES		
				Yes	Time	
				No <input checked="" type="checkbox"/>	Type	

Weighted M.G.H. _____
G.H. correction _____
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 _____

Cross section _____

Control shore ice - bridge on shore + over flow - min. affect now

Gage operating Yes Weather cloudy / mostly cloudy / windy

Intake/Orifice cleaned No Air -1.0°C @ 1845 Water 4.0°C @ 1845

Record removed No Extreme Indicator: Max. _____ Min. _____

Nitrogen Pressure Tank 950 Feed 12 Bbl rate 40 per min.

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well

Remarks #6 @ 1845 ① 1.1435 ② 4.84 ③ 130.97 ④ 13.67

SC @ FG = 72.7 WT = 10.2

PH @ FG = 7.684

G.H. of zero flow _____ ft. Sheet No. _____ of _____ sheets