

9-275-F
(Apr. 93)

U.S. Department of the Interior
U.S. Geological Survey

Meas. No. _____

Water Resources Division

28

Comp. by _____

Sta. No. _____ **DISCHARGE MEASUREMENT NOTES** Checked by _____

Aiken Creek @ FS

Date 01/06/00 Party ML, EC, JM

Width _____ Area _____ Vel. _____ G.H. _____ Disch. 1.04 cfs

Method _____ No. Sec. _____ G.H. Change _____ in _____ hrs. Susp. _____

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

Type of meter PF 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	WT	SC	Outside
1441	1.49	5.6	148	0.49
1451	1.49	5.6	150	0.495

No. Yes. Time. 1440
Samples Collected
 No. Yes. Time. 1440
Method Used
 EDI..... EWI..... Other.....

SEDIMENT SAMPLES

No. Yes. Time.....
Method Used
 EDI..... EWI..... Other.....

Weighted MGH _____
 GH correction _____
 Correct MGH _____

BIOLOGICAL SAMPLES

Yes. Time.....
 No. Type.....

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 following cond:

Flow _____

Cross section _____

Control _____

Gage operating _____ Weather _____

Intake/Orifice cleaned _____ Air _____ °C@ _____ Water _____ °C@ _____

Record removed _____ Extreme Indicator: Max _____ Min _____

N₂ Pressure Tank 1750 Feed 10psi Bbl rate _____ per min. Batt volt 13.9

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well _____

Remarks SC = 128µS
WT_m = 5.6°C

