

9-275-F
(Apr. 93)

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

Meas. No. 40

Water Resources Division

Comp. by _____

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

Checked by _____

Date 1/9/99 Party MG, AB

Width 3.0 Area 1.20 ft² Vel. 2.19 ft/s G.H. 6.71 Disch. 2.63 cfs

Method 0.6 No. Sec. 11 G.H. Change _____ in _____ hrs. Susp. _____

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

Type of meter _____ 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			TD	Outside
1350	6.64			1.06	6.73
1411				1.10	6.89
1415	6.62				

No..... Yes........ Time.....
Samples Collected
 No..... Yes........ Time.....
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 100 feet, mile, above, below gage.

Measurement rated excellent(2%), good(5%), fair(8%), poor(over 8%); based on following cond:

Flow _____

Cross section _____

Control clear

Gage operating OK Weather Warm, sunny

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

Record removed _____ Extreme Indicator: Max _____ Min _____

N₂ Pressure Tank 1350 Feed 12 Bbl rate 90 per min. Batt volt 13.75

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well _____

Remarks Stream chem samples taken 1350
field: wT = 3.0°C, SC = 23.1 µS

G.H. of zero flow _____ ft.

Sheet No. _____ of _____ sheets

