

9-275-F
(Apr. 93)

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

Meas. No. 28

Water Resources Division

Comp. by _____

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

Date 12/18/98 Party WJS
Width 1.25 Area .462 Vel. .82 G.H. 1.49 Disch. .378
Method .6 No. Sec. 6 G.H. Change 0 in 12 hrs. Susp. rod
Method coef. 1.0 Hor. angle coef. 1.0 Susp. coef. 1.0 Meter No. _____
Type of meter pygmy Date rated 1/80 Tag checked _____
Meter _____ ft. above bottom of wt. Spin before meas. _____ after _____
Meas. Plots _____ % diff from _____ rating. Levels obtained _____

GAGE READINGS

Time	Inside	SC	TW	from post	Outside
1310	1.21	36.0	.57	at temp orifice	.36
1325	1.24				.37
1335	1.24				.37
1355	1.25				
1804	1.40				.41
Weighted MGH					
GH correction					+1.00
Correct MGH					

WATER QUALITY MEASUREMENTS

No. Yes. Time 1310
Samples Collected
No. Yes. Time.
Method Used
EDI. EWI. Other.

SEDIMENT SAMPLES

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

BIOLOGICAL SAMPLES

Yes. Time.
No. Type.

Check bar, chain found _____ changed to _____ at _____
Wading, cable, ice, boat, upstr., downstr., side bridge w/s end of flume feet, mile, above, below, gage.
Measurement rated excellent(2%), good(5%), fair(8%), poor(over 8%); based on following cond:

Flow uniform
Cross section w/s end of flume
Control leaking slightly on left side
Gage operating OK Weather sunny, mostly calm
Intake/Orifice cleaned yes @ 1315 Air 5.10 °C @ _____ Water .57 °C @ _____
Record removed _____ Extreme Indicator: Max _____ Min _____
N₂ Pressure Tank 50 Feed 15-28 Bbl rate 80-100 per min. Batt volt _____
CSG checked _____ Stick reading _____

Observer _____
HWM @ 1310 _____ outside, in well _____
Remarks Field Tw = 1.0 °C, SC = 38.0 ms
Turned down feed, bpm to conserve N₂
Shored up / added to control, moved orifice
back to flume 1500-1800 Batt = 13.9V
G.H. of zero flow _____ ft. Sheet No. _____ of _____ sheets.

River at-

[illegible]