9-275-G
(Rev. 10-81)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Meas. No. . . . . .

Comp. by. . . . . .

WATER RESOURCES DIVISION

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

Prisch Stream @ B1

Date 12/28, 19 95 Party HH-BW

Width 4.00 Area 0.65 Vel. 1.79 G. H. 1.68 Disch. 1.16

Method .6 No. secs. 10 G. H. change. 0 in 1/3 hrs. Susp. . . . . .

Method coef. . . . . Hor. angle coef. 1.0 Susp. coef. . . . . Meter No. . . . . .

Type of meter Pygmy Date rated . . . . . Tag checked . . . . . .

Meter . . . . . ft. above bottom of wt. Spin before meas. ✓ after ✓

Meas. plots. . . . . % diff. from. . . . . rating. Levels obtained. . . . . .

GAGE READINGS					
Time		Inside	ADR	Graphic	Outside
1310		1.74			1.68
1325					1.68
1322					
Weighted M.G.H.					
G. H. correction					
Correct M.G.H.					

WATER QUALITY MEASUREMENTS

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

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. 200 feet, mile, above, below gage

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

Flow. Steadily turbulent

Cross section sand + gravel, fairly uneven

Control all in flume

Gage operating yes Weather —

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

Record removed no Extreme Indicator: Max. . . . . Min. . . . . .

Manometer N_2 Pressure Tank . . . . . Feed . . . . . Bbl rate . . . . . per min.

CSG checked . . . . . Stick reading . . . . . .

Observer . . . . . .

HWM . . . . . outside, in well

Remarks Outside reading in turbulence.

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

.0 .10 .20 .30 .40 .50 .60 .70 .75

River at—

Angle coefficient	Dist. from initial point	Width	Depth	Observation depth	Revolutions	Time in seconds	VELOCITY At point	VELOCITY Mean in vertical	Adjusted for hor. angle or --------	Area	Discharge	
REW 1315	1.3		0	.6	0	40						.80
	2.2		0.1		40	40						.85
	2.6		0.22		81	40.7						
	2.9		0.25		100	40.8						
	3.2		0.3		124	41.5						.90
	3.5		0.3		70	24.3						.92
	3.8		0.25		31	20.8						
	4.1		0.25		30	23.0						.94
	4.4		0.17		12	41.9						.96
REW 1323	5.3		0		0	40						.97
												.98
												.99
⊙												1.00
												.99
												.98
												.97
												.96
												.94
												.92
												.90
												.85
												.80

.0 .10 .20 .30 .40 .50 .60 .70 .75