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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Meas. No. .....

Comp. by. .....

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

Hendy Stream @ BZ

Date 12/16 ., 1994 Party HH-PS

Width 3.10 Area 0.759 Vel. 1.269 G.H. 1.44 Disch. 0.96

Method 6 No. secs. 12 G.H. change 0 in 1/4 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. no

GAGE READINGS					
Time		Inside	ADR	Graphic	Outside
1232					1.44
1248					1.44
Weighted M.G.H.					
G. H. correction					
Correct M.G.H.					

WATER QUALITY MEASUREMENTS

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

Samples Collected

No X 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. 100 feet, mile, above, below gage

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

Flow. Steady

Cross section gravel, even

Control all in flume

Gage operating no Weather .....

Intake/Orifice cleaned no Air ..... °C@ ..... Water ..... °C@ .....

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

Manometer N_2 Pressure Tank 1600 Feed ..... Bbl rate ..... per min.

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

Observer .....

HWM ..... outside, in well

Remarks .....

.....

.....

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	
LEW 1233	1.3		0.22	.6	17	41						.80
	1.5		0.22	|	35	41						.85
	1.8		.22	|	50	40.2						
	2.1		.25	|	70	44.6						.90
	2.4		.30	|	70	44.4						
	2.7		.30	|	60	41.6						.92
	3.0		.32	|	50	44.3						.94
	3.3		.32	|	70	45.2						
	3.6		.25	|	70	46.0						.96
	3.9		.18	|	35	41.0						.97
	4.2		.12	|	23	41.8						.98
Row 1247	4.4		.10	|	11	41.8						.99
⊙												1.00
												.99
												.98
												.97
												.96
												.94
												.92
												.90
												.85
												.80

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