

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Meas. No.

WATER RESOURCES DIVISION

Comp. by.

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

Hendy Stream @ B2

Date 12/29, 1995 Party H.H. + BW

Width 6.70 Area 1.63 Vel. 1.58 G.H. 1.80 Disch. 2.58

Method No. secs. 21 G.H. change. in hrs. Susp.

Method coef. 6 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

WATER QUALITY MEASUREMENTS

Time Inside ADR Graphic Outside

16.46 16.59 1.80 1.80

No Yes. Time

Samples Collected

No Yes. Time

Method Used

EDI EWI Other.

SEDIMENT SAMPLES

No Yes. Time

Method Used

EDI EWI Other.

Weighted M.G.H.

G. H. correction

Correct M.G.H.

BIOLOGICAL SAMPLES

Yes. Time

No Type

Check bar. chain found changed to at

Wading, cable, ice, boat, upstr., downstr., side bridge. 15 feet, mile, above, below gage.

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

Flow. Smooth + Steady

Cross section Sand, Even

Control Flume, Weir

Gage operating YES Weather

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

Record removed Extreme Indicator: Max. Min.

Manometer N₂ Pressure Tank Feed Bbl rate per min.

CSG checked Stick reading

Observer

HWM outside, in well

Remarks

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G.H. of zero flow 0.20 ft. Down Sheet No. of sheets

OVER RIGHT SIDE WEIR

River at—

Angle coef- ficient	Dist. from initial point	Width	Depth	Observa- tion depth	Rev- olu- tions	Time in sec- onds	VELOCITY		Adjusted for hor. angle or -----	Area	Discharge	
							At point	Mean in ver- tical				
LEW 1144	0.6		0.15		0	40						
	0.9		0.3		25	21.5						.85
	1.2		0.3		35	20.7						
	1.5		0.3		40	21.1						
	1.8		0.3		35	20.9						.90
	2.1		0.3		30	20.8						.92
	2.4		0.3		29	21.2						
	2.7		0.3		36	21.1						.94
	3.0		0.3		47	23.8						.96
	3.3		0.3		35	21.1						.97
	3.6		0.27		43	20.7						.98
	3.9		0.27		45	21.0						.99
	4.2		0.27		45	21.4						
	4.5		0.27		42	21.2						
○	4.8		0.3		35	21.3						1.00
	5.1		0.3		31	21.4						
	5.4		0.3		28	21.1						
	5.7		0.2		28	20.7						.99
	6.0		0.15		24	21.4						.98
	6.3		0.15		17	21.3						.97
REW 1658	7.3		0		0	40						.96
												.94
												.92
												.90
												.85
												.80