

WATER RESOURCES DIVISION

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

Hensy Stream site B-2

Date 1/9, 1994 Party

Width 8.60 Area 3.776 Vel. 2.281 G. H. 2.25 Disch. 8.61

Method 0.6 No. secs. 2.7 G. H. change. to 1.0 in 1/2 hrs. Susp.

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

Type of meter Pugmy Date rated Tag checked

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

Meas. plots. % diff. from. rating. Levels obtained. NO

GAGE READINGS

WATER QUALITY MEASUREMENTS

Time	Inside	ADR	Graphic	Outside
<u>1.615</u>	<u>2.21</u>			<u>2.20</u>
<u>1.644</u>	<u>2.26</u>			<u>2.30</u>

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

Weighted M.G.H.
 G. H. correction
 Correct M.G.H.

Check bar. chain found changed to at

Wading, cable, ice, boat, upstr., downstr., side bridge. 2.0 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 NOVING sand + crer

Control Flume - AND WEIR NO ICE

Gage operating yes Weather P cloudy - 14 breeze

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

Record removed Extreme Indicator: Max. Min.

Manometer N₂ Pressure Tank 1300 Feed Bbl rate per min.

CSG checked Stick reading

Observer

HWM outside, in well

Remarks Gage is operating correctly

G.H. of zero flow 0.7 ft. Sheet No. of sheets

Depth on 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			
Low 1626	0.9		0.20		0	0					
	1.2		0.20		15	27					.85
	1.5		0.20		15	21					
	1.8		0.30		20	22					
	2.1		0.50		30	21					.90
	2.4		0.50		40	23					.92
	2.7		0.60		60	23					
	3.0		0.57		70	22					.94
	3.3		0.60		60	20					.96
	3.6		0.60		60	21					.97
	3.9		0.60		60	21					.98
	4.2		0.60		70	22					.99
	4.5		0.65		70	21					
	4.8		0.65		70	22					
o	5.1		0.70		50	20					1.00
	5.4		0.63		60	22					
	5.7		0.60		60	21					
	6.0		0.55		60	22					.99
	6.3		0.50		50	20					.98
	6.6		0.50		40	20					.97
	6.9		0.50		50	28					.96
	7.2		0.50		50	20					
	7.5		0.40		25	23					.94
	7.8		0.37		20	24					.92
	8.1		0.20		20	22					.90
	8.4		0.20		7	20					
Ren 1642	9.5		0		0	0					
											.85
											.80