

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Meas. No.

Comp. by.

WATER RESOURCES DIVISION

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

1-HEWON CR. @ B2
Date 12-11, 1995 Party A-L-75
Width 8.40 Area 2.720 Vel. 1.604 G. H. 2.08 Disch. 4.51
Method 0.6 No. secs. 27 G. H. change. in hrs. Susp.
Method coef. Hor. angle coef. Susp. coef. Meter No.
Type of meter Rygum 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
18:05				2.08
18:33				2.09

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	1819
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. 40 feet, mile, above, below gage.

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

Flow. TURBULENT, STEADY

Cross section SMOOTH, SANDY, UNIFORM

Control

Gage operating 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 ADD 0.152 cfs FROM PF (left channel)

HWM outside, in well

Remarks RT. PZF 1 - 0.51'

LFT PZF 2 - 0.13'

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

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				
FW 18:07	1.1		0	.6								.80
	1.8		.15		7	22						.85
	2.1		0.20		19	20						
	2.4		.20		23	20						
	2.7		.20		24	20						.90
	3.0		0.20		28	21						.92
	3.3		0.20		31	21						.94
	3.6		0.25		33	21						.96
	3.9		0.25		33	22						.97
	4.2		0.30		34	23						.98
	4.5		0.35		35	22						.99
	4.8		0.35		35	21						.99
	5.1		0.35		36	21						
	5.4		0.40		41	22						
○	5.7		0.40		37	21						1.00
	6.0		0.40		40	23						
	6.3		0.45		40	22						
	6.6		0.55		40	23						.99
	6.9		0.55		40	23						.98
	7.2		0.55		40	21						.97
	7.5		0.65		45	22						.96
	7.8		0.55		41	21						.94
	8.1		0.50		44	21						.92
	8.4		0.40		31	20						.90
	8.7		0.30		14	20						
	9.0		0.20		14	23						
REW	9.5		0		7	23			ADD 0.152 cfs from PF			
② 18:30												.85
												.80