

9-275-F
(Apr. 93)

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Meas. No.

Comp. by

WATER RESOURCES DIVISION

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

Date 12-11, 19 95 Party AL-JS

Width 8.90 Area 2.30 Vel. 1.570 G.H. 2.00 Disch. 3.63

Method O-6 No. secs. 26 G.H. change in hrs. Susp.

Method coef. Hor. angle coef. 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			Outside	No	Yes	Time
15:10				2.00	Samples Collected		
					No	Yes	Time
					Method Used		
15:31				2.01	EDI	EWI	Other
					SEDIMENT SAMPLES		
					No	Yes	Time
					Method Used		
					EDI	EWI	Other
Weighted M.G.H.					BIOLOGICAL SAMPLES		
G.H. correction	1520			2.00	Yes		Time
Correct M.G.H.					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 SMOOTH UNIFORM TURBULENT

Cross section SMOOTH UNIFORM, SANDY

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

HWM outside, in well

Remarks

PZF = 0.40' @ 15:32

0.02 cfs QEST OVER LEFT WEIR

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				
LEW 15:11	0.7		0	.6	0							
	2.2		0.2		24	20						.85
	2.5		0.15		25	20						
	2.8		0.15		26	21						
	3.1		0.15		27	21						.90
	3.4		0.20		27	20						.92
	3.7		0.20		31	21						
	4.0		0.25		29	20						.94
	4.3		0.25		32	21						.96
	4.6		0.25		28	21						.97
	4.9		0.25		25	20						.98
	5.2		0.3		35	20						.99
	5.5		0.3		30	21						
	5.8		0.3		31	20						
o	6.1		0.35		37	21						1.00
	6.4		0.40		38	21						
	6.7		0.40		37	21						
	7.0		0.40		36	21						.99
	7.3		0.40		37	20						.98
	7.6		0.45		40	21						.97
	7.9		0.50		40	21						.96
	8.2		0.50		43	21						
	8.5		0.35		39	21						.94
	8.8		0.30		21	20						.92
	9.1		0.20		13	20						.90
REW 15:30	9.6		0		6.5	20						
												.85
												.80