

9-275-F
(Apr. 93)

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

Meas. No. 634

Comp. by SLH

WATER RESOURCES DIVISION

Sta. No. F10 **DISCHARGE MEASUREMENT NOTES** Checked by

Date Dec 13, 1995 Party SLH, JCK 0.5537 cfs

Width 7.5 ft Area 1.06 ft² Vel. 0.58 G.H. Disch. 0.6169 cfs

Method No. secs. 45 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
------	--------	---------

1215	4.70	4.4/106.3
------	------	-----------

	AT. 5.87	
	VHS 14.06	

1250	4.47	
------	------	--

--	--	--

--	--	--

--	--	--

--	--	--

--	--	--

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

Cross section sandy to cobbles, shallow

Control

Gage operating Weather sunny, breezy, cool

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

Record removed Extreme Indicator: Max. Min.

Manometer N₂ Pressure Tank 1200 Feed 10 Bbl rate 46 per min.

CSG checked Stick reading

Observer

HWM outside, in well

Remarks 245 6.86

.....

.....

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

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				
	1.5		BN									
	2.75		.15		42	45						.85
	3.0		.15		44	45						
	3.25		.15		37	45						
	3.5		.15		41	45						.90
	3.75		.15		38	45						.92
	4.3		0			45						.94
	4.75		.15		22	45						
	5.0		.15		23	45						.96
	5.25		.15		14	45						.97
	5.5		.2		14	45						.98
	5.75		.2		34	45						.99
	6.0		.2		29	45						
	6.25		.2		27	45						
o	6.5		.2		28	45						1.00
	6.75		.2		37	45						
	7.0		.2		46	45						
	7.5		.15		8	45						.99
	7.75		.15		6	45						.98
	8.0		.15		41	45						.97
	8.25		.10		34	45						.96
	9.0		BN									.94
												.92
												.90
												.85
												.80

T SS side streams

W N side

R East

F Bonney

Ca Hoare

Sm

M N/E streams

T C streams

W MCM

R MCM

F MCM → Bonney

Ca Bonney → Hoare

Sm

M V Mals

M only