Form 9-275-G
(July 1994)

U.S. DEPARTMENT OF THE INTERIOR
U.S. Geological Survey
WATER RESOURCES DIVISION

DISCHARGE MEASUREMENT NOTES

Meas. No. 57

Sta. No. Driscu@BI

Comp. by SLH

Checked by

Date DEC 20, 19 05 Party SLH, JCK, TSL

Width 6.7 Area 0.655ft² Vel. 1.909 G. H. Disch 1.321 cfs

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

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

Type of meter Pygmy Date rated poor Tag checked

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

Meas. plots % diff. from rating. Levels obtained

GAGE READINGS

Time	AT	Inside	WT	SC	Outside
16 1542	7.50	2.32	-9999		
06				130.1	.44±.02
1604		2.33			0.42
Weighted M.G.H.					
G.H. correction					
Correct M.G.H.					

WATER QUALITY MEASUREMENTS

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 ____

Check bar. chain found ____ changed to ____ at ____

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

Measurement rated excellent (2%), good (5%), fair (8%), poor (over8%); based on the following cond:

Flow Strong

Cross section Sandy, narrow, Channelized

Control

Gage operating Weather

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

Record removed Extreme Indicator: Max. Min.

Nitrogen Pressure Tank 1900 Feed 10 Bbl rate 45 per min.

CSG checked Stick reading

Observer

HWM outside, in well

Remarks flume tilted downstream

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

River at- B1 12/26/5

ANGLE COEFFICIENT	DIST. FROM INITIAL POINT	WIDTH	DEPTH	OBSERVATION DEPTH	REVOLUTIONS	TIME IN SECONDS	VELOCITY AT POINT	VELOCITY MEAN IN VERTICAL	ADJUSTED FOR HOR. ANGLE OR ----------	AREA	DISCHARGE
	4.5		LEW								
	5.3	.8	.15		82	45					
	5.6	.3	.15		83	45		*			
	7.0	1.4	.1		112	45					
	7.3	.3	.1		114	45		very shallow			
	7.6	.3	.1		121	45					
	7.9	.3	.15		111	45		lots of sediment			
	8.2	.3	.1		104	45					
	8.5	.2	.1		106	45					
	8.8	.3	.1		93	45					
	9.1	.3	.1		92	45					
	9.5	.4	.1		78	45					
	10.0	.5	.1		73	45					
⊙	11.2		REW								