9-275-H
(Rev. 6-71)

9.286
.173
8.446

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Meas. No. C1C

Comp. by HH

Sta. No. .....

DISCHARGE MEASUREMENT NOTES

Checked by .....

COMMONWEATH STREAM @ C1

Date 12-3-93, 1993 Party ~~HRM~~ HRM, P.D, KW

Width 2.40 Area 0.353 Vel. 0.812 G.H. 8.57 Disch. 0.29

Method 0.6 No. secs. 8 G.H. change +0.01 in 1/4 hrs. Susp. .....

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

Type of meter PIGMY Date rated ..... for rod, other.

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

Meas. plots ..... % diff. from ..... rating. Wading, cable, ice, boat, upstr., ~~downstr.~~ side

~~Bridge~~ 10 feet, mile, above, below gage. Levels obtained no

BASE GAGE READINGS RP2

Time		Recorder	Inside	Outside
1135			8.59	8.56
1157			8.60	8.57
Weighted M.G.H.				8.57
G.H. correction				
Correct M.G.H.				

AUX. GAGE READINGS

Time		Recorder	Inside	Outside
Weighted M.G.H.				
G.H. correction				
Correct M.G.H.				

Check-bar, chain found .....
changed to ..... at .....

Check-bar, chain found .....
changed to ..... at .....

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%), based on following conditions: Cross section Sand and gravel, even

Flow Steady Weather Sunny, calm

Other ..... Air ..... °F. @ .....

Gage ..... Water ..... °F. @ .....

..... Record removed no Intake flushed U L

Observer .....

Control weir - rock - some leakage underneath
No ice

Remarks .....

G.H. of zero flow 8.36 ft. Sheet No. ..... of ..... sheets.

.0 .10 .20 .30 .40 .50 .60 .70 .75

River at—

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
V 1142	0.8		0		0	0					
LEW	1.3		0.15 ~~0~~	06	20	41					
	1.6		~~0.2~~		40	41					
	1.9		0.2		45	43					
	2.2		0.2		35	46					
	2.5		0.2		35	45					
	2.8		0.15		35	46					
REW	3.2		0		0	0					11.52
⊙											