Form 9-275-G
(Nov 1993)

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

DISCHARGE MEASUREMENT NOTES

Meas. No. _____

Sta. No. F8 Crescent

Comp. by _____

Checked by _____

Date 12-22-07, 19____ Party AMS, NRM, LFD

Width ____ Area ____ Vel. ____ G. H. ____ Disch 0.319

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

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

Type of meter Cutthroat Date rated ____ Tag checked ____

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

Meas. plots ____ % diff. from ____ rating. Levels obtained ____

GAGE READINGS

Time		Inside			Outside
1308		2.956			1.31
1325		2.965			1.31
Weighted M.G.H.					
G.H. correction					
Correct M.G.H.					

WATER QUALITY MEASUREMENTS

No ____ Yes X Time 1310

Cond-91.5 Samples Collected pH 8.17

No ____ Yes Y 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 ____

Cross section Rocky

Control clear

Gage operating yes Weather Overcast, slt breeze

Intake/Orifice cleaned ____ Air ____ °C@ ____ Water 4.9 °C@ 1308

Record removed ____ Extreme Indicator: Max. ____ Min. ____

Nitrogen Pressure Tank 900 Feed 10 Bbl rate ____ per min.

CSG checked ____ Stick reading ____

Observer ____

HWM ____ outside, in well

Remarks #6 @ 1308 VT-5.0
SC-171.0
BV-12.7

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

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.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
FLUME -			0.25 @		1325						0.319cfs

.80 .85 .90 .92 .94 .96 .97 .98 .99 1.00 .99 .98 .97 .96 .94 .92 .90 .85 .80

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