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. F3 - LOST SEAL Comp. by _____

Checked by _____

Date 12-26-07, 19____ Party NRM, AMS

Width 3.9 Area 0.594 Vel. 1.40 G. H. _____ Disch 0.829

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

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

Type of meter _____ Date rated _____ Tag checked _____

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

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

GAGE READINGS

Time		Inside			Outside
1338		1.557			0.58
1412		1.550			0.57
Weighted M.G.H.					
G.H. correction					
Correct M.G.H.					

WATER QUALITY MEASUREMENTS

No ____ Yes X Time ____

Samples Collected

No ____ Yes X Time ____

Method Used

EDI ____ EWI ____ Other Dip

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 30 feet, mile, above, below gage.

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

Flow steady, laminar

Cross section rocky, shallow and narrow

Control clear

Gage operating yes Weather cloudy, windy

Intake/Orifice cleaned _____ Air 3.4 °C@ 1355 Water 5.6 °C@ 1415

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

Nitrogen Pressure Tank 1250 psi Feed 8 psi Bbl rate 20 per min.

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well

Remarks *6 @ 1338 AT 3.5
WT - 5.3
BV - 13.7

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

*U.S. GOVERNMENT PRINTING OFFICE: 1993-560-446

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
	6.5	.2			LEW @	1400					
	6.9	.35	.15		40	44		.904		.052	.047
	7.2	.3	.15		50	46		1.08		.045	.049
	7.5	.3	.15		50	44		1.12		.045	.05
	7.8	.55	.15		60	45		1.31		.082	.107
	8.6	.55	.1		80	46		1.70		.055	.094
	8.9	.3	.3		60	44		1.34		.09	.121
	9.2	.3	.2		80	45		1.74		.06	.104
	9.5	.3	.2		80	43		1.82		.06	.109
	9.8	.3	.2		60	40		1.47		.06	.088
	10.1	.3	.15		60	44		1.34		.045	.06
	10.4	.15			REW @ 1410			1.40		.594	.829
⊙	3.9	3.9									

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

.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