Form 9-275-G
(July 1994)

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

DISCHARGE MEASUREMENT NOTES

Meas. No. _____

Sta. No. ONYX@CWRT

Comp. by CJ

Checked by _____

Date 12-30-00, 19____ Party PC, CJ, JM

Width 12.5 Area 4.385 Vel. 0.55 G. H. _____ Disch 2.171

Method 0.6 No. secs. 20 G. H. change 0 in — hrs. Susp. Rod

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

Time		Inside			Outside
1230		1.56			0.315
1246		1.56			0.315
Weighted M.G.H.					
G.H. correction					
Correct M.G.H.					

WATER QUALITY MEASUREMENTS

No ~~X~~ Yes X Time _____

Samples Collected

No _____ Yes X 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 _____

Control _____

Gage operating _____ Weather _____

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

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

Nitrogen Pressure Tank 1800 Feed _____ Bbl rate _____ per min.

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well

Remarks _____

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

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
	4.5	REW @ 1234						0		0	0
	5.5		0.30		10	40		0.27		.300	.081
	6.5		0.40		5	52		0.12		.360	.044
	7.3		0.45		5	40		0.15		.360	.054
	8.1		0.50		15	53		0.30		.325	.098
	8.6		0.50		15	40		0.39		.250	.098
	9.1		0.40		15	40		0.39		.200	.078
	9.6		0.50		30	48		0.63		.250	.158
	10.1		0.40		20	48		0.43		.200	.086
	10.6		0.50		25	49		0.52		.250	.130
	11.1		0.40		40	45		0.88		.200	.177
	11.6		0.40		25	40		0.63		.200	.126
	12.1		0.20		40	45		0.88		.100	.088
	12.6		0.40		40	49		0.82		.200	.163
⊙	13.1		0.40		40	45		0.88		.200	.177
	13.6		0.35		40	41		0.97		.175	.169
	14.1		0.40		25	44		0.58		.260	.150
	14.9		0.30		30	47		0.64		.240	.155
	15.7		0.30		20	48		0.43		.315	.136
	17.0	LEW @ 1255						0		0	0
	/							V		/	/
	12.5							0.55		4.385	2.171