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 River @ lower Wright

Comp. by KDL

Checked by KDL

Date 1/15, 19 98 Party RAC, CC

Width 15.2 Area 9.253 Vel. 0.194 G. H. _____ Disch 1.41

Method _____ No. secs. 18 G. H. change _____ in _____ hrs. Susp. _____

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

Type of meter _____ Date rated _____ Tag checked _____

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

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

GAGE READINGS

Time		Inside			Outside
0835		1.37			1.300
0850		1.37			1.300
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 fair

Cross section fair

Control good

Gage operating _____ Weather _____

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

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

Nitrogen Pressure Tank _____ 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

.0 .10 .20 .30 .40 .50 .60 .70 .7

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	DISCHARG
LEW	3.9	@0835			0	40					
	8.0		0.2		0	40					
	6.7		0.5		12	46					
	7.0		0.55		16	53					
	7.5		0.62		17	45					
	8.0		0.62		21	42					
	8.5		0.65		10	48					
	9.0		0.62		12	56					
	9.5		0.71		11	43					
	11.3		0.70		10	41					
	12.1		0.70		10	40					
	12.6		0.60		3	40					
	13.0		0.60		6	40					
	13.5		0.65		3	40					
⊙	14.5		0.62		0	40					
	15.0		0.55		0	40					
	15.5		0.48		0	40					
REW	19.1	@0850									