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. HR House

Comp. by _____

Checked by _____

Date 12/15/07, 19__ Party NRM, AMS, LFS

Width 4.9 ft. Area 1.162 ft² Vel. 1.352 ft/s G. H. _____ Disch 1.596 cfs

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

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
1133	#6	1.57			.523
	AT	10.16			
	WT	.88			
	SC	54.66			
	BV	13.66			
1238		1.63			.64
Weighted M.G.H.					
G.H. correction					
Correct M.G.H.					

WATER QUALITY MEASUREMENTS

No _____ Yes ✓ Time _____

Samples Collected pH-7.86 C-31 us

No _____ Yes ✓ 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 60 (feet), mile, above, (below) gage.

Measurement rated excellent (2%), good (5%), fair (8%), (poor (over8%)); based on the following cond:

Flow turbulent, steady, not fully contained in cross-section

Cross section rocky.

Control Moderate seepage through sandbags

Gage operating yes Weather sunny and gusting

Intake/Orifice cleaned No Air 7 °C@ 1 Water 1.2 °C@ _____

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

Nitrogen Pressure Tank 390 psi Feed 15 psi Bbl rate _____ per min.

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well

Remarks Purged @ 12:45
adjusted feed

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

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

River at- HI - HOUSE

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
	2.0'	.3		.6	LEW @	12:11					
	2.6'	.45	.2		80	91		1.91		.09	.1719
	2.9	.3	.25		80	50		1.57		.075	.1178
	3.2	.3	.3		80	53		1.48		.09	.1332
	3.5	.3	.3		100	44		2.21		.09	.1989
	3.8	.3	.3		100	45		2.17		.09	.1953
	4.1	.3	.38		80	45		1.74		.114	.1984
	4.4	.3	.35		80	47		1.67		.105	.1754
	4.7	.3	.28		50	47		1.05		.084	.0882
	5.0	.3	.22		25	47		.542		.066	.0358
	5.3	.3	.25		25	41		.617		.075	.0463
	5.6	.3	.28		80	48		.832		.084	.0699
⊙	5.9	.3	.28		60	46		1.28		.084	.1075
	6.2	.5	.23		25	51		.502		.115	.0577
	6.9	.35			REW @	1233					
	4.9	4.9						1.352		1.162	1.596

.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