

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

STATION NUMBER

LEVEL NOTES

STREAM H2 Mouse

LOCALITY \_\_\_\_\_

PARTY NRM & AMS

DATE 1/25/08, 19\_\_

STATION	B. S.	HT. INST.	F. S.	ELEVATION	REMARKS
RMI	0.667	9.360		8.693	Given
rock					
flume					
USL			6.452	2.908	
flume					
DSR			6.453	2.907	
staff					
plate			6.379	2.981	hold 2.0'
orifice			8.410	.950	
PZF			8.435	.925	
TP1	4.628	9.527	4.461	4.899	
PZF			8.606	.921	
orifice			8.579	.948	
staff					
plate			6.548	2.979	
DSR			6.619	2.908	
USL			6.620	2.907	
RMI			7.833	8.694	

**U.S. DEPARTMENT OF THE INTERIOR**  
**U.S. Geological Survey**  
**WATER RESOURCES DIVISION**  
**DISCHARGE MEASUREMENT NOTES**

Sta. No. HZ House

Meas. No. \_\_\_\_\_

Comp. by AMS

Checked by gcheck

Date 1-25-08, 19 \_\_\_\_\_ Party NRM, AMS, LFS

Width 4.8 Area .811 Vel. .954 G. H. \_\_\_\_\_ Disch. .774

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				WATER QUALITY MEASUREMENTS		
Time	Inside		Outside	No	Yes	Time
1220	1.183		0.23	PH 7.4	<input checked="" type="checkbox"/>	Samples Collected Cond 229
				No	Yes <input checked="" type="checkbox"/>	Time _____
					Method Used _____	
				EDI _____	EWI _____	Other <input checked="" type="checkbox"/>
1258	1.230		0.27	SEDIMENT SAMPLES		
				No	Yes _____	Time _____
					Method Used _____	
				EDI _____	EWI _____	Other _____
Weighted M.G.H.				BIOLOGICAL SAMPLES		
G.H. correction				Yes _____	Time _____	
Correct M.G.H.				No _____	Type _____	

Check bar. chain found \_\_\_\_\_ changed to \_\_\_\_\_ at \_\_\_\_\_

Wading cable, ice, boat, upstr., downstr., side bridge 40 feet, mile, above below gage.

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

Flow turbulent, too high for portable flume

Cross section shallow, rock + sand

Control clear

Gage operating yes Weather clear, calm

Intake/Orifice cleaned \_\_\_\_\_ Air \_\_\_\_\_ °C@ \_\_\_\_\_ Water .4 °C@ 1224

Record removed \_\_\_\_\_ Extreme Indicator: Max. \_\_\_\_\_ Min. \_\_\_\_\_

Nitrogen Pressure Tank 800 Feed 16 Bbl rate 24 per min.

CSG checked \_\_\_\_\_ Stick reading \_\_\_\_\_

Observer \_\_\_\_\_

HWM \_\_\_\_\_ outside, in well \_\_\_\_\_

Remarks AT 4.4

WT .58 Ran levels

SC 50.2

G.H. of zero flow \_\_\_\_\_ ft. Sheet No. \_\_\_\_\_ of \_\_\_\_\_ sheets

River at-

ANGLE COEF-FICIENT	DIST. FROM INITIAL POINT	WIDTH	DEPTH	OBSERVATION DEPTH	REVO-LUTIONS	TIME IN SEC-ONDS	VELOCITY		ADJUST-ED FOR HOR. ANGLE OR	AREA	DISCHARGE
							AT POINT	MEAN IN VER-TICAL			
	3.9	.35		.6	LEW @ 12	34					
	4.6	.5	.15		40	44		.484		.075	.068
	4.9	.3	.2		50	48		1.03		.06	.062
	5.2	.3	.2		80	40		1.95		.06	.117
	5.5	.3	.22		80	50		1.57		.066	.104
	5.8	.3	.2		60	41		1.44		.06	.086
	6.1	.3	.2	∇	80	48		1.63		.06	.098
	6.4	.4	.2		10	48		.231		.08	.018
	6.9	.55	.2		20	51		.408		.11	.045
	7.5	.45	.18		25	44		.577		.081	.047
	7.8	.3	.2		60	46		1.28		.06	.077
	8.1	.3	.18		15	44		.359		.054	.019
	8.4	.3	.15		40	54		.743		.045	.033
	8.7	.15			REV @ 12	55					
0	4.8	4.8						.954		.911	.774