

9-275-F
(Apr. 93)

U.S. Department of the Interior
U.S. Geological Survey
Water Resources Division

Meas. No. 80

DISCHARGE MEASUREMENT NOTES

Comp. by _____

Checked by _____

Sta. No. _____
 Sta. Name H2 - House Stream
 Date Dec 19, 2007 Party MSE/SLD
 Width _____ Area _____ Vel. _____ G.H. _____ Disch. 0.611
 Method _____ No. Sec. _____ G.H. Change _____ in _____ hrs. Susp. _____
 Method coef. _____ Hor. angle coef. _____ Susp. coef. _____ Meter No. _____
 Type of meter Baski 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.....
1505	1.338	Baski	.19	1.19	Samples Collected
1515	1.335		.19		Time.....
1528		.38	.19	1.19	Method Used
1530	1.351		.19		EDI..... EWI..... Other.....
		0.611 (LFS)			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 200 feet, mile, above, below, gage.
 Measurement rated excellent(2%), good(5%), fair(8%), poor(over 8%); based on following cond:
 Flow _____
 Cross section _____
 Control Free + chr
 Gage operating _____ Weather Sunny / 14 biz / warm
 Intake/Orifice cleaned _____ Air 3.0 °C@ 1515 Water 2.0 °C@ 1515
 Record removed _____ Extreme Indicator: Max _____ Min _____
 N₂ Pressure Tank 1700 Feed 10 Bbl rate _____ per min. Batt volt _____
 CSG checked _____ Stick reading _____
 Observer _____
 HWM chr Date = 353 Time = 1506 Watch = 1506 outside, in well _____
 Remarks #6 @ 1505 @ 1.338 @ 7.04 @ 1.099 @ 6.7
- SL probe cable over orifice tube may impact GH readings @ 14.04
moved @ 1533 - Needs updated sensors + program