

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

Meas. No. 20
Sta. No. FZ-Hay
Comp. by _____
Checked by CHW
Date 1-8-08, 19 _____ Party NRM, AMS, LFS
Width _____ Area _____ Vel. _____ G. H. _____ Disch. 0098
Method _____ No. secs. _____ G. H. change _____ in _____ hrs. Susp. _____
Method coef. _____ Hor. angle coef. _____ Susp. coef. _____ Meter No. _____
Type of meter cutthroat 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
<u>1309</u>	<u>1.063</u>			<u>.09</u>	<u>SC 157.3</u>	<u>X</u>	<u>1310</u>
					No	Yes	Time
					<u>>1.04</u>	<u>X</u>	
<u>1310</u>	<u>portable flume</u>			<u>.048</u>	EDI	EWI	Other <u>X</u>
					SEDIMENT SAMPLES		
					No	Yes	Time
						Method Used	
					EDI	EWI	Other
					BIOLOGICAL SAMPLES		
Weighted M.G.H.					Yes	Time	
G.H. correction					No	Type	
Correct M.G.H.							

Check bar. chain found _____ changed to _____ at _____
Wading, cable, ice, boat, upstr., downstr., side bridge 50 feet, mile, above, below gage.
Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:

Flow _____
Cross section small rocks, sand
Control clear
Gage operating yes Weather cloudy, calm
Intake/Orifice cleaned _____ Air _____ °C@ _____ Water 2.6 °C@ 1312
Record removed _____ Extreme Indicator: Max. _____ Min. _____
Nitrogen Pressure Tank 500 Feed 10 Bbl rate 24 per min.
CSG checked _____ Stick reading _____
Observer _____

HWM _____ outside, in well _____
Remarks *G @ 1310 WT 2.51 BV 19.0
SC
AT 4.5
G.H. of zero flow _____ ft. Sheet No. _____ of _____ sheets