

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

Sta. No. FG Green Meas. No. _____
 Date 12/17/07, 19____ Party NRM, AMS, LFS Comp. by _____
 Width 5.2 Area 1.723 ft² Vel. 2.3 ft/s G. H. _____ Disch 3.696 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					WATER QUALITY MEASUREMENTS		
Time	Inside			Outside	No	Yes <input checked="" type="checkbox"/>	Time
1611	4.21			-54	cond 27.9	MS	Samples Collected
1704	4.23			-52	No	Yes <input checked="" type="checkbox"/>	Time
							Method Used
					EDI	EWI	Other <u>dip</u>
					SEDIMENT SAMPLES		
					No	Yes	Time
							Method Used
					EDI	EWI	Other
					BIOLOGICAL SAMPLES		
					Yes		Time
					No		Type

Weighted M.G.H. _____
 G.H. correction _____
 Correct M.G.H. _____

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 (over 8%); based on the following cond:
 Flow turbulent
 Cross section rocky, flow not fully contained ~ 95%
 Control _____
 Gage operating yes Weather warm, uv breeze
 Intake/Orifice cleaned _____ Air 10 °C @ 1613 Water _____ °C @ _____
 Record removed _____ Extreme Indicator: Max. _____ Min. _____
 Nitrogen Pressure Tank 1200 psi Feed 11 psi Bbl rate _____ per min.
 CSG checked _____ Stick reading _____
 Observer _____
 HWM _____ outside, in well _____
 Remarks *6 4.21 BN 14.2 water flowing over weir in several
wx 5.61 places right of rebar
sc 28.2

