

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

Sta. No. \_\_\_\_\_ Meas. No. \_\_\_\_\_  
 Santa Fe \_\_\_\_\_ Comp. by PRW  
 Date Jan 19, 2009 Party P.R. Wright, D.L. Leslie Checked by \_\_\_\_\_  
 Width \_\_\_\_\_ Area \_\_\_\_\_ Vel. \_\_\_\_\_ G. H. J Disch \_\_\_\_\_  
 Method \_\_\_\_\_ No. secs. \_\_\_\_\_ G. H. change \_\_\_\_\_ in \_\_\_\_\_ hrs. Susp. \_\_\_\_\_  
 Method coef. \_\_\_\_\_ Hor. angle coef. \_\_\_\_\_ Susp. coef. \_\_\_\_\_ Meter No. \_\_\_\_\_  
 Type of meter \_\_\_\_\_ 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>Samples Collected</u>		
					No _____	Yes _____	Time _____
					<u>Method Used</u>		
					EDI _____	EWI _____	Other _____
					<u>SEDIMENT SAMPLES</u>		
					No _____	Yes _____	Time _____
					<u>Method Used</u>		
					EDI _____	EWI _____	Other _____
					<u>BIOLOGICAL SAMPLES</u>		
					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 Centered right  
 Cross section sand, Ice covered 100% section removed  
 Control Riffle  
 Gage operating None Weather \_\_\_\_\_  
 Intake/Orifice cleaned \_\_\_\_\_ Air \_\_\_\_\_ °C@ \_\_\_\_\_ Water \_\_\_\_\_ °C@ \_\_\_\_\_  
 Record removed \_\_\_\_\_ Extreme Indicator: Max. \_\_\_\_\_ Min. \_\_\_\_\_  
 Nitrogen Pressure Tank \_\_\_\_\_ Feed \_\_\_\_\_ Bbl rate \_\_\_\_\_ per min.  
 CSG checked \_\_\_\_\_ Stick reading \_\_\_\_\_  
 Observer \_\_\_\_\_  
 HWM \_\_\_\_\_ outside, in well \_\_\_\_\_  
 Remarks Conductivity from 15±30 is 131 us @ 0.3°C