

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

Sta. No. Santa Fe

Meas. No. _____

Comp. by CHW

Checked by _____

Date 12/19/08, 19____ Party CHW AAB
Width 8.500 Area 2.098 Vel. 1.998 G. H. _____ Disch 4.192
Method 6 No. secs. 19 G. H. change _____ in _____ hrs. Susp. Red
Method coef. 1 Hor. angle coef. calc'd Susp. coef. _____ Meter No. P2151
Type of meter Flow Tracker 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 <u>1030</u>
<u>No Gauge at Site</u>						Samples Collected		
						No	Yes <input checked="" type="checkbox"/>	Time <u>1030</u>
						Method Used		
						EDI	EWI	Other
						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 30 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 gravel + sand
Control -
Gage operating No Weather _____
Intake/Orifice cleaned _____ Air _____ °C@ _____ Water 0.4 °C@ 1020
Record removed _____ Extreme Indicator: Max. _____ Min. _____
Nitrogen Pressure Tank _____ Feed _____ Bbl rate _____ per min.
CSG checked _____ Stick reading _____
Observer _____
HWM _____ outside, in well _____

Remarks _____

SC? probe not working

G.H. of zero flow _____ ft. Sheet No. _____ of _____ sheets