

9-775.F
(Apr. 93)

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

Meas. No. _____
Comp. by _____
Checked by _____

Sta. No. _____
Sta. Name Santa Fe Stream @ 04 Aqueduct #9
Date 01-23-04 Party CJ
Width _____ Area _____ Vel. 2.04 G.H. _____ Disch. 8.03
Method 0.6 No. Sec. _____ 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..... Time.....
<u>1715</u>	-			-		Samples Collected
<u>1730</u>	-				No.....	Yes..... <u>X</u> Time <u>1755</u>
						Method Used
					EDI.....	EWI..... Other.....
						SEDIMENT SAMPLES
					No.....	Yes..... Time.....
						Method Used
					EDI.....	EWI..... Other.....
						BIOLOGICAL SAMPLES
					Yes.....	Time.....
					No.....	Type.....

Weighted MGH _____
GH correction _____
Correct MGH _____
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 following cond:
Flow Consistent,
Cross section regular, sandy
Control _____
Gage operating None Weather Excellent
Intake/Orifice cleaned _____ Air _____ °C@ _____ Water 0.3 °C@ _____
Record removed _____ Extreme Indicator: Max _____ Min _____
N₂ Pressure Tank _____ Feed _____ Bbl rate _____ per min. Batt volt _____
CSG checked _____ Stick reading _____
Observer _____
HWM _____ outside, in well _____
Remarks C₂ = 99.6/105