

U. S. DEPARTMENT OF THE INTERIOR
Geological Survey

Form 9-275-D
(Jan. 1988)

WATER RESOURCES DIVISION

Date 12/15, 19 99

MISCELLANEOUS FIELD NOTES

Santa Fe Str. @ B2

MG, EC, TM

-@ 1245 most of the flow is
over flow chnl. but, @ 1200 we
changed this by moving sediment
to over flow side

@ 1220, trickle in over flow, 99% of
flow in flow

OG = 0.33, IG = 1.31

AT = 6.1

take = 1750 psi

WT = 2.6

feed = 12 psi

SC = 98

V = 14.2

We'll come back after things settle down some.

9-275-F
(Apr. 93)

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Meas. No. 54

WATER RESOURCES DIVISION

Comp. by _____

Sta. No. Santa Fe @ B2 **DISCHARGE MEASUREMENT NOTES**

Checked by _____

Date 12-15, 19 99 Party JM, MG, EC

Width 1.42 Area 5.66 Vel. 1.82 G.H. _____ Disch. 1.03 cfs

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>1305</u>	<u>1.38</u>	<u>S</u>		<u>0.42</u>	<u>Samples Collected</u>		
<u>1314</u>	<u>1.38</u>	<u>F</u>		<u>0.41</u>	No	Yes	Time
					<u>Method Used</u>		
					EDI	EWI	Other
					SEDIMENT SAMPLES		
					No	Yes	Time
					<u>Method Used</u>		
					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 0 feet, mile, above, below gage.

Measurement rated excellent(2%), good (5%), fair (8%), poor (over 8%); based on the following cond:

Flow uniform, even

Cross section Flume

Control Flume

Gage operating yes Weather partly cloudy, cool

Intake/Orifice cleaned yes Air 5.9 °C@ _____ Water 0.1 °C@ _____

Record removed no Extreme Indicator: Max. _____ Min. _____

Manometer N₂ Pressure Tank 1800 PSI Feed _____ Bbl rate 40 per min.

CSG checked NA Stick reading NA

Observer _____

HWM _____

Remarks conductivity = 215 uS outside, in well _____

G. H. of zero flow _____ ft.

Sheet No. _____ of _____ sheets

