9-275 F
(Apr. 93)

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

Meas. No. 63

Comp. by _____

Checked by _____

DISCHARGE MEASUREMENT NOTES

Sta. No. _____
Sta. Name Lawson AQ. Transect #4
Date 01-05-04 Party JJ, CJ, TN
Width 3.5 Area 0.72 Vel. 0.82 G.H. _____ Disch. 0.61
Method _____ No. Sec. _____ 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

Time	Inside				Outside
1924	6.371				1.31
				AE 06	6.527
1935	5.334				1.31
				AE 06	6.527
Weighted MGH					
GH correction					
Correct MGH					

WATER QUALITY MEASUREMENTS

No..... Yes..... Time.....

Samples Collected

No..... Yes..X..... Time..1930

Method Used

EDI..... EWI..... Other.....

SEDIMENT SAMPLES

No..... Yes..... Time.....

Method Used

EDI..... EWI..... Other.....

BIOLOGICAL SAMPLES

Yes.....Time.....

No.....Type.....

Check bar, chain found _____ changed to _____ at _____
Wading, cable, ice, boat, upstr., downstr., side bridge 200 feet, mile, above, below, gage.
Measurement rated excellent(2%), good(5%), fair(8%), poor(over 8%); based on following cond:
Flow _____
Cross section _____
Control _____
Gage operating _____ Weather mostly sunny
Intake/Orifice cleaned _____ Air _____ °C@ _____ Water 1.7 °C@ 1935
Record removed _____ Extreme Indicator: Max _____ Min _____
N_2 Pressure Tank 1350 Feed _____ Bbl rate _____ per min. Batt volt 13.25
CSG checked _____ Stick reading _____
Observer _____
HWM _____ outside,in well _____
Remarks WQ @ 1930 pH 8.52
AE Interpolated Top of Rebar = 7.837 Conductivity 11.5 mS
WT 1.7 °C
G.H. of zero flow _____ ft. Sheet No. _____ of _____ sheets