

9-275-F  
(Apr. 93)

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

Meas. No. 67  
Comp. by J  
Checked by J

Sta. No. EDONS LAWSON

Sta. Name \_\_\_\_\_

Date 12-25-04 Party cy/jj

Width 7.2 Area 1.93 Vel. 2.53 G.H. \_\_\_\_\_ Disch. 4.87

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**

**WATER QUALITY MEASUREMENTS**

Time	Inside			Outside
1246	7.0802			TD 0.68
	BV	13.4%		
1302				cond 8.5 mg WT 2.40°C
1350	6.9806			TD 0.70
Weighted MGH				
GH correction				
Correct MGH				

No..... Yes ..... Time.....  
 Samples Collected  
 No..... Yes ..... Time 1355  
 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 100 feet, mile, above, below, gage.

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

Flow unsteady

Cross section bend in channel / sandy

Control \_\_\_\_\_

Gage operating yes Weather \_\_\_\_\_

Intake/Orifice cleaned \_\_\_\_\_ Air \_\_\_\_\_ °C@ \_\_\_\_\_ Water \_\_\_\_\_ °C@ \_\_\_\_\_

Record removed \_\_\_\_\_ Extreme Indicator: Max \_\_\_\_\_ Min \_\_\_\_\_

N<sub>2</sub> Pressure Tank 1800 PSI Feed \_\_\_\_\_ Bbl rate \_\_\_\_\_ per min. Batt volt \_\_\_\_\_

CSG checked \_\_\_\_\_ Stick reading \_\_\_\_\_

Observer \_\_\_\_\_

HWM \_\_\_\_\_ outside, in well \_\_\_\_\_

Remarks \_\_\_\_\_

OG<sub>1</sub> = 7.76 - 0.68 = 7.08 OG<sub>2</sub> = 7.76 - 0.70 = 7.06

G.H. of zero flow \_\_\_\_\_ ft. Sheet No. \_\_\_\_\_ of \_\_\_\_\_ sheets



