

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

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Sta. No. \_\_\_\_\_ Meas. No. \_\_\_\_\_  
 House str @ H2 Lake Hoare  
 Date 12/25, 19 98 Party WJS, MB, AB  
 Width 4.5 Area 1.48 Vel. 1.64 G. H. 1.57 Disch 2.42  
 Method .6 No. secs. 16 G. H. change \_\_\_\_\_ in \_\_\_\_\_ hrs. Susp. pool  
 Method coef. 1.0 Hor. angle coef. noted Susp. coef. 1.0 Meter No. \_\_\_\_\_  
 Type of meter pygmy Date rated 1/80 Tag checked \_\_\_\_\_  
 Meter \_\_\_\_\_ ft. above bottom of wt. Spin before meas. \_\_\_\_\_ after \_\_\_\_\_  
 Meas. plots \_\_\_\_\_ % diff. from \_\_\_\_\_ rating. Levels obtained No

**GAGE READINGS**

Time	Inside	WT	SC	Outside
1430	1.60	0.91	29.2	0.59
1458				0.57
1518				0.55
1526	1.53			0.53
1530	1.51			
1540		work on control		0.52
1615	1.59			0.59

**WATER QUALITY MEASUREMENTS**

No \_\_\_\_\_ Yes X Time 1430  
 Samples Collected \_\_\_\_\_  
 No X Yes \_\_\_\_\_ Time \_\_\_\_\_  
 Method Used \_\_\_\_\_  
 EDI \_\_\_\_\_ EWI \_\_\_\_\_ Other \_\_\_\_\_

**SEDIMENT SAMPLES**

No X Yes \_\_\_\_\_ Time \_\_\_\_\_  
 Method Used \_\_\_\_\_  
 EDI \_\_\_\_\_ EWI \_\_\_\_\_ Other \_\_\_\_\_

**BIOLOGICAL SAMPLES**

Yes \_\_\_\_\_ Time \_\_\_\_\_  
 No X Type \_\_\_\_\_

Weighted M.G.H. \_\_\_\_\_  
 G.H. correction \_\_\_\_\_  
 Correct M.G.H. \_\_\_\_\_

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 the following cond:

Flow \_\_\_\_\_  
 Cross section rocks, fairly rough  
 Control left side blew through some, call it overflow  
 Gage operating \_\_\_\_\_  
 Intake/Orifice cleaned \_\_\_\_\_ Air 7.96 °C @ \_\_\_\_\_ Water \_\_\_\_\_ °C @ \_\_\_\_\_  
 Record removed \_\_\_\_\_ Extreme Indicator: Max. \_\_\_\_\_ Min. \_\_\_\_\_  
 Nitrogen Pressure Tank New tank Feed 10psi Bbl rate \_\_\_\_\_ per min.  
 CSG checked @ 1435 Stick reading \_\_\_\_\_

Observer \_\_\_\_\_  
 HWM \_\_\_\_\_  
 Remarks @ 1430 field SC = 32, TW = 0.75 outside, in well

