

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Meas. No. 30

WATER RESOURCES DIVISION

Comp. by .....

Sta. No. .... **DISCHARGE MEASUREMENT NOTES** Checked by .....

House str @ H2 Lake Hoare  
Date 12/26, 19 98 Party AB, MG, WIS  
Width 5.7 Area 1.26 Vel. .95 G.H. .... Disch. 1.20  
Method .6 No. secs. 15 G.H. change. .... in .... hrs. Susp. red  
Method coef. 1.0 Hor. angle coef. 1.0 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	ADR	Graphic	Outside
<u>1555</u>	<u>1.26</u>	<u>35.5</u>	<u>1.1</u>	<u>.24</u>
<u>1624</u>				
<u>1625</u>	<u>1.225</u>			<u>.21</u>
Weighted M.G.H.				
G. H. correction				
Correct M.G.H.				

WATER QUALITY MEASUREMENTS		
No	Yes	Time
	<u>X</u>	<u>1600</u>
Samples Collected		
No	Yes	Time
	<u>X</u>	
Method Used		
EDI	EWI	Other
SEDIMENT SAMPLES		
No	Yes	Time
<u>X</u>		
Method Used		
EDI	EWI	Other
BIOLOGICAL SAMPLES		
Yes		Time
No	<u>X</u>	Type

Check bar. chain found ..... changed to ..... at .....

Wading cable, ice, boat, upstr., downstr., side bridge. 1000 feet, mile, above, below gage.

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

Flow. .... non uniform

Cross section .... gravel, rocks - pretty rough

Control .... clear, leaking on left side (under)

Gage operating .... OK Weather sunny, lite breeze

Intake/Orifice cleaned No Air ..... °C@ ..... Water ..... °C@ .....

Record removed .... No Extreme Indicator: Max. .... Min. ....

Manometer N<sub>2</sub> Pressure Tank 1900 Feed 10 Bbl rate 50 per min.

CSG checked ..... Stick reading .....

Observer .....

HWM .....

Remarks @1555 field SC = 39 TW = 1.0  
offset = 1.01  
BaH = 14.24

