

9-275-F
(Apr. 93)

U.S. Department of the Interior
U.S. Geological Survey

Meas. No. 30

Water Resources Division

Comp. by _____

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

Anderson Cr @ H 2 Lake Hoare

Date 12/17/98 Party AB, MG, WS

Width 2.0 Area .334 Vel. 1.81 G.H. _____ Disch. .605 see back

Method .6 No. Sec. 7 G.H. Change _____ in _____ hrs. Susp. rod

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

WATER QUALITY MEASUREMENTS

Time	Inside	SC	TW	Outside
1830	1.46	24.9	.55	.33
1845	1.47			.33
1900				.34
Weighted MGH				
GH correction				+1.00
Correct MGH				

No. ☒ Yes. ☒ Time _____
Samples Collected
No. ☒ Yes. _____ Time _____
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 300 feet, mile, above, below, gage

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

Flow steady

Cross section sand, gravel

Control flume clear

Gage operating ok Weather clear, calm

Intake/Orifice cleaned No Air 2.0 °C@ _____ Water _____ °C@ _____

Record removed No Extreme Indicator: Max _____ Min _____

N₂ Pressure Tank 1600 Feed 10 Bbl rate 90 per min. Batt volt 13.6

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well _____

Remarks @ 1830 field SC = 31.8 TW = 0.5

obtained @ d/s end of flume

Pygmy & P-flume gms made

Batt = 13.6v

G.H. of zero flow _____ ft. Sheet No. _____ of _____ sheets.

8

97

98

99

O

1.0

99

98

97

94

90

85

.80

U.S. DEPARTMENT OF THE INTERIOR
Geological Survey
Water Resources Division

Date.....12/17/98.....

MISCELLANEOUS FIELD NOTES

Andersen Cr @ H1

@ 1445 No flow

thin ice cover in flume-bridged?
orifice in thin layer sed.
Cleared

@ 1545 FLOW

12/19/98 @ ~ 0830

flow ($Q_e \sim .7$ cfs)

but some sed and ice in flume
orifice covered. Ice at center
lip/drop in flume - some b/w?