

Form 9-276  
(July 1967)

STATION NUMBER

STREAM House Creek @ H2  
LOCALITY Lake House, Antarctica  
PARTY MG, EC

DATE 12/8, 1999

 $1.64E$ 

1246

(\*) probably RMI settling

@ ~~15~~ 15 45, cleared ice from  
flume.  $OG = 0.74$

@ 1600,  $IG = 1.73$

$N_2$  tank = 1250 psi

feed = 12 psi

ran levels

stream clean and isotope  
samples taken @ 1715

$Cond = 0.044 \text{ mS} = 44 \mu\text{S}$

$T_{\text{mp}} = 1.10$

9-275-F  
(Apr. 93)

U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY

Meas. No. 31

Comp. by JPM

WATER RESOURCES DIVISION

Sta. No. DISCHARGE MEASUREMENT NOTES

Checked by

House Stream @ H2  
Date 12/8, 19 99 Party MB, EC  
Width 4.90 Area 1.15 Vel. .812 G.H. Disch. 9.34 cfs  
Method .6 No. secs. 13 G.H. change -.04 in .5 hrs. Susp. Rod  
Method coef. — Hor. angle coef. — Susp. coef. — Meter No.  
Type of meter P/SNY Date rated Tag checked  
Meter ft. above bottom of wt. Spin before meas. Free after Free  
Meas. Plots % diff. from rating. Levels obtained

| GAGE READINGS |        |     |      |      |         | WATER QUALITY MEASUREMENTS |                                     |       |
|---------------|--------|-----|------|------|---------|----------------------------|-------------------------------------|-------|
| Time          | Inside | AT  | WT   | SC   | Outside | No                         | Yes                                 | Time  |
| 1730          | 1.64   | 8.4 | 0.37 | 23   | 0.61    |                            | <input checked="" type="checkbox"/> | 1720  |
| 1800          | 1.60   | 8.5 | 0.40 | 21.6 | 0.57    |                            | <input checked="" type="checkbox"/> | 1720  |
|               |        |     |      |      |         | Samples Collected          |                                     |       |
|               |        |     |      |      |         | Method Used                |                                     |       |
|               |        |     |      |      |         | EDI                        | EWI                                 | Other |
|               |        |     |      |      |         | SEDIMENT SAMPLES           |                                     |       |
|               |        |     |      |      |         | No                         | Yes                                 | Time  |
|               |        |     |      |      |         | Method Used                |                                     |       |
|               |        |     |      |      |         | EDI                        | EWI                                 | Other |
|               |        |     |      |      |         | BIOLOGICAL SAMPLES         |                                     |       |
|               |        |     |      |      |         | Yes                        |                                     | Time  |
|               |        |     |      |      |         | No                         | <input checked="" type="checkbox"/> | 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 feet, mile, above, below gage.  
Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:  
Flow even, trickle around flume  
Cross section  
Control good, cleared ice in flume  
Gage operating Weather  
Intake/Orifice cleaned Air °C@ Water °C@  
Record removed Extreme Indicator: Max. Min.  
Manometer N<sub>2</sub> Pressure Tank 1250 Feed 12 Bbl rate per min.  
CSG checked Stick reading  
Observer  
HWM  
Remarks outside, in well

G. H. of zero flow ft. Sheet No. 1 of 1 sheets

[illegible]