

U. S. DEPARTMENT OF THE INTERIOR
Geological Survey

Form 9-275-D
(Jan. 1988)

WATER RESOURCES DIVISION

Date 12/10, 19 98 1610

MISCELLANEOUS FIELD NOTES

Lost Seal @ F3

AB, MG, WS

→ N_2 Tank = 1750 psi, Fuel = 10 psi
→ Flow!

OG: 0.21 + OS (1614)

IG: 1.16 (1600)

WT = 4.45 → meas = 7.0 1616

AT? = 8.06 SC meas = 74.4 μ 25 1616

Volts = 13.6

SC = 131.83 μ s (1615)

van levels

Portable Flume Meas US

US = 0.175 ft.

DS = 0.145 ft. $\pm$ 0.16 = 0.15275

Q = 0.172 cfs

OG = 0.20 + OS @ 1627

Port. Flume Meas DS

US = 0.15 ft.

DS = 0.08 ft.

Q = ~0.135 cfs

@ 1632

OG = 0.20 + OS

U. S. DEPARTMENT OF THE INTERIOR
Geological Survey
WATER RESOURCES DIVISION

STATION NUMBER

LEVEL NOTES

STREAM Lost Seal Stream
LOCALITY at F3, Lake Fryxell Antarctic
PARTY MG-T, AB, WJS DATE Dec. 10, 1998

STATION	B. S.	HT INST.	HT INST.	ELEVATION	REMARKS
RM3	2.573	9.583	9.583	7.010	bolt r/s, d/s of wall
RM4		2.458		7.125	bolt l/s d/s of wall
+post		2.082		7.501	left side of overflow flume
staff OG		3.582		6.001	held 2.00 3.00
staff OG		4.730		4.853	held .87 +
PZF		5.553		4.030	center lip (top) in flume
u/s, left top of flume		3.554		6.029	
u/s right " "		3.602		5.981	
Office u/s bottom of flume		5.588		3.995	
d/s top right xner of flume		3.542		6.041	
d/s top left		3.483		6.100	
low pt of overflow		4.885		4.698	
TP	4.082	3.287	9.378 10.578	6.296	
f-post		1.878		7.500	
top of staff		3.379		5.999	held 2.00
u/s left xner of flume		3.355		6.073	
d/s right xner		3.340		6.038	
d/s left xner		3.269		6.109	
RM-4		2.250		7.128	
RM-3		2.370		7.008	E/c - .002
No elev. here (orifice bottom = 4.0) etc.					

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Meas. No. 33b

WATER RESOURCES DIVISION

Comp. by.

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

..... Lost Seal Stream @ F3

Date 12/10, 1978 Party W.S., AB, MNG

Width 1.2? Area 224? Vel. 0.569? G.H. Disch.

Method 16 No. secs. G.H. change. in hrs. Susp. rod.

Method coef. Hor. angle coef. Susp. coef. Meter No.

Type of meter pygmy 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	ADR	Graphic	Outside
.....					
.....					
.....					
.....					
.....					
.....					
.....					
.....					
.....					
.....					

No Yes. Time

Samples Collected

No Yes. Time

Method Used

EDI EWI Other.

SEDIMENT SAMPLES

No Yes. Time

Method Used

EDI EWI Other.

Weighted M.G.H.
G. H. correction
Correct M.G.H.

BIOLOGICAL SAMPLES

Yes. Time

No Type

Check bar. chain found changed to at

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

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

Flow.

Cross section sage

Control some sed u/s end of flume

Gage operating good Weather cold wind, 0°C sun

Intake/Orifice cleaned Air 0 °C@ Water °C@

Record removed Extreme Indicator: Max. Min.

Manometer N₂ Pressure Tank Feed Bbl rate per min.

CSG checked Stick reading

Observer

HWM outside, in well

Remarks Meas @ u/s end of flume

River at—

[illegible]