

Water Resources Division

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

Anderson Creek

Date 1/19/99 Party MG, AB, DM, crew

Width _____ Area 0.75 Vel. 1.0 G.H. _____ Disch. 0.751

Method _____ No. Sec. 11 G.H. Change _____ in _____ hrs. Susp. _____

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

Type of meter _____ 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			Outside
				<u>0.45</u>
<u>1547</u>				<u>0.48</u>
<u>1557</u>				

No..... Yes.......... Time 15.....
Samples Collected
 No..... Yes.......... Time 15.....
Method Used
 EDI..... EWI..... Other.....

SEDIMENT SAMPLES

No.......... Yes..... Time.....
Method Used
 EDI..... EWI..... Other.....

BIOLOGICAL SAMPLES

Yes..... Time.....
 No.......... Type.....

Weighted MGH _____
 GH correction _____
 Correct MGH _____

Check bar, chain found _____ changed to _____ at _____

Wading, cable, ice, boat, upstr., downstr., side bridge 35 feet, mile, above, below, gage

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

Flow _____

Cross section _____

Control _____

Gage operating _____ Weather _____

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

Record removed _____ Extreme Indicator: Max _____ Min _____

N₂ Pressure Tank _____ Feed _____ Bbl rate _____ per min. Batt volt _____

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well _____

Remarks FILMED BY CBS!

Angle coef- ficient	Dist. from initial point	Width	Depth	Observa- tion depth	Rev- olu-tions	Time in seconds	VELOCITY		Adjusted for hor- angle or _____	Area	Discharge
							At point	Mean in ver- tical			
	7.0	0.35			REW @ 1548					0	
0.96	7.7	0.60	0.10	.6	30	43		0.710		0.060	0.041
	8.2	0.50	0.15	↓	20	41		0.505		0.075	0.038
	8.7	0.50	0.17	↓	80	45		1.76		0.085	0.150
	9.2	0.50	0.15	↓	50	47		1.07		0.075	0.080
	9.7	0.50	0.20	↓	50	45		1.11		0.10	0.111
	10.2	0.50	0.18	↓	80	45		1.76		0.09	0.158
	10.7	0.50	0.15	√	30	40		0.761		0.075	0.057
	11.2	0.50	0.20	↓	30	45		0.679		0.10	0.0679
	11.7	0.50	0.18	↓	25	48		0.537		0.09	0.0483
	12.2	0.25		↓	LEW @	1557				Q = 0.751	
									A =	0.75	
0											

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

Form 9-275
 (July 1967)

STATION NUMBER

2

LEVEL NOTES

STREAM Andersen Cr.
 LOCALITY Uk. Hoare, Antarctica
 PARTY AB, MG DATE 1/19, 19 99

STATION	B. S.	HT. INST.	F. S.	ELEVATION	REMARKS
RM1	6.432	16.002	6.432	9.570	RM1, given el = 9.57'
RM2			0.271	15.732	RM2
US Right			6.382	9.620	
DS Right			3.673	12.329	
PZF			8.892	7.110	
orifice			8.861	7.141	
TP	7.140	16.027	7.115	8.987	
US right			6.412	9.615	
DS right			6.408	9.619	
RM1			6.460	9.567	E/L = 0.003
RM2			0.290	15.737	

Ran levels completely wrong. RM2 is not what we shot.