

LEVEL NOTES

Stream HENDY - Stream

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Locality Gage station B2

Party HRH-PBU

Date 11/11

1993

STATION	B. S.	HT. INST.	F. S.	ELEVATION	REMARKS
RS Bottom of Flume	6.06	7.06	6.05	1.00	us side - assumed datum of 1'
	6.06	7.06			
LS Bottom of Flume		(S.S)	6.05	1.01	US side of flume
RM1		(SS)	1.205	5.855	est anchor Bolt on Top of Boulder near Right side of weir 6' DS of weir
RM2		(SS)	4.969	2.091	est anchor Bolt on Top of Boulder 14' DS of weir, 8' Right of flume
Top of orifice			6.150	0.91	TOP of NUT
center of orifice				0.895	(-.015)
					Cross-section geometry (same HI)
Station Tagline			(SS)		
	0.5		2.09	4.97	LS of wall
	2.0		2.38	4.68	
	5.0		3.08	3.98	
	7.0		3.28	3.78	
	9.6		3.58	3.48	
	10.0		3.40	3.66	
TOP OF LS Flume	10.9		3.56	3.50	at Throat
TOP OF RS Flume	11.9		3.56	3.50	at Throat
	12.9		3.77	3.29	TOP of LS weir
	13.0		4.19	2.87	

No. _____ of _____ sheets Comp. by _____ Chk. by _____

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STATION	B. S.	HT. INST.	F. S.	ELEVATION	REMARKS
	13.4	(SS)	4.59	2.47	
	14.0		4.62	2.44	
	15.0		4.44	2.62	
	16.0		4.27	2.79	
	17.4		4.16	2.90	
	17.5		3.81	3.25	
	18.7		3.64	3.42	RS of weir
	18.8		3.13	3.93	
	22.0		2.94	4.12	
	23.4		2.45	4.61	
	25.8		2.61	4.45	
RS of wall	27.2	✓	2.66	4.40	
RS Bottom of 1-unc			6.060	1.00	(close 0.00)

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U. S. DEPARTMENT OF THE INTERIOR
Geological Survey

Form 9-275-D
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WATER RESOURCES DIVISION

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Date 11/11-11/12, 1993

MISCELLANEOUS FIELD NOTES

HENDY STREAM-SITE B2-SITE # 12

Established gage near mouth of Taylor stream, which runs eastward, draining the north side of Taylor glacier, entering Lake Bonney at the west end.

Installed equipment, tested for leaks
Stream not running - needs caulking

Sited gage on left bank, built a rock-sand bag weir around a 9" flume.

This site is expected to be affected by lake Bonney backwater if lake level rises a few more feet in the future.

Orifice @ 0.895' gage datum

All equipment running and recording.

Battery voltage = 12.78

Initial pressure reading = -0.03

offset = .895 + 0.03 = 0.925

Gage Pressure = 1500 psi

conductivity check: STD CR10

20 20.4

97 105.0

500 527

1000 1072