9-275-F
(Rev. 10-81)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Meas. No. 26

Comp. by

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

Canada Stream @ F1

Date 12/21, 19 98 Party Tonight! WJS, AB

Width 1.80 Area .774 Vel. .80 G.H. ..... Disch. .623

Method .6 No. secs. 10 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

CR10 ~~GAGE~~ READINGS SC

Time	WT	Inside	~~ADR~~	~~Graphic~~	Outside
1457	10.62	1.44	31.64		0.40
1500					0.41
1510		1.49			0.44
Weighted M.G.H.					
G. H. correction					
Correct M.G.H.					

WATER QUALITY MEASUREMENTS

No ..... Yes. X ... Time .....

Samples Collected

No X ... Yes. ..... Time .....

Method Used

EDI ..... EWI ..... Other .....

SEDIMENT SAMPLES

No X ... Yes. ..... Time .....

Method Used

EDI ..... EWI ..... Other .....

BIOLOGICAL SAMPLES

Yes. ..... Time .....

No X ..... Type .....

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 uniform

Cross section u/s end of Flume

Control Clear

Gage operating OK Weather Sunny, warm, calm

Intake/Orifice cleaned No Air ..... °C@ ..... Water 10 °C@ .....

Record removed No Extreme Indicator: Max. ..... Min. .....

Manometer N_2 Pressure Tank ..... Feed ..... Bbl rate ..... per min.

CSG checked ..... Stick reading .....

Observer .....

HWM ..... outside, in well

Remarks Field TW = 10.0°C SC = 36 @ 1455

Changed scan rate to obtain 1457 readings

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

.0 .10 .20 .30 .40 .50 .60 .70 .75

River at—

Angle coefficient	Dist. from initial point	Width	Depth	Observation depth	Revolutions	Time in seconds	VELOCITY: At point	VELOCITY: Mean in vertical	Adjusted for hor. angle or	Area	Discharge
VB	2.9	.10	0.40	REW@1500			.7x	.475		.040	.019
	3.1	.20	0.40		30	45		.679		.080	.054
	3.3	.20	0.40		25	42		.610		.080	.049
	3.5	.20	0.40		30	42		.726		.080	.058
	3.7	.20	0.40		40	48		.842		.080	.067
	3.9	.20	0.40		40	52		.780		.080	.062
	4.1	.20	0.41		40	46		.878		.082	.072
	4.3	.20	0.42		50	46		1.09		.084	.092
	4.5	.20	0.42		50	48		1.05		.084	.088
VB	4.7	.10	0.42	LEW@1510			.7x	.735		.084	.062
	1.8	1.8								.774	.623

.8 .8 .9 .9 .9 .9 .9 1.0 .99 .98 .97 .96 .94 .92 .90 .85 .80

.0 .10 .20 .30 .40 .50 .60 .70 .75