

U. S. DEPARTMENT OF THE INTERIOR
Geological Survey

Form 9-275-D
(Jan. 1988)

WATER RESOURCES DIVISION

Date January 6, 1998

MISCELLANEOUS FIELD NOTES

Canada stream, FI 1430 CC

conditions: good condition, control structure
clear, probes and orifice clear,
flow almost going over spillway!

	inside	outside	
1440	1.80	1.76	
	7.10	6.5	W.t.
	25.226	-	S.C.

Batteries 12.73

Stream chemistry sample collected @
1435

CR10 time good

Nitrogen 1800 psi Feed 10 psi

Pygmy meter measurement (good)

	inside	outside
1530	1.67	1.63

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Meas. No.

Comp. by. KOL

WATER RESOURCES DIVISION

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by KOL

Canada stream, F1

Date Jan 6, 19 98 Party CC

Width 4.60 Area 1.098 Vel. 1.323 G. H. Disch. 1.45

Method No. secs. 24 G. H. change. in hrs. Susp.

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
<u>1440</u>	<u>1.80</u>			<u>1.76</u>
<u>1530</u>	<u>1.67</u>			<u>1.63</u>

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. 100 feet, mile, above, below gage.

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

Flow.

Cross section

Control

Gage operating Weather

Intake/Orifice cleaned Air °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

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

River at—

Angle coef- ficient	Dist. from initial point	Width	Depth	Observa- tion depth	Rev- olu- tions	Time in sec- onds	VELOCITY		Adjusted for hor. angle or -----	Area	Discharge
							At point	Mean in ver- tical			
	LEW @		145	5							
	5.6		0		0	40					
	5.8		2.8		40	44					
	6.0		2.7		40	40					
	6.2		3.1		50	43					
	6.4		3.1		60	44					
	6.6		2.8		60	47					
	6.8		2.5		40	44					
	7.0		2.8		80	46					
	7.2		2.5		60	41					
	7.4		2.5		100	53					
	7.6		2.8		100	46					
	7.8		2.8		100	39					
	8.0		2.8		70	45					
o	8.2		2.5		60	41					
	8.4		2.5		50	46					
	8.6		2.5		30	43					
	8.8		2.1		70	41					
	9.0		2.5		40	42					
	9.2		2.1		50	45					
	9.4		2.1		40	51					
	9.6		2.1		50	47					
	9.8		1.8		40	49					
	10.0		1.5		40	50					
	10.2		0		0	40					
	REW @		152	5							
					x 0.10						