9-275-F
(Apr. 93)

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Meas. No. .....

Comp. by .....

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

Canada Stream

Date 12/11/06 19 ..... Party ESG, LFS

Width ..... Area ..... Vel. ..... G.H. ..... Disch. .....

Method ..... No. secs. ..... 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 no

GAGE READINGS						WATER QUALITY MEASUREMENTS
Time	Inside				Outside	No (Yes) Time 1545
1505	0.96				0.04 → 1.04	Samples Collected pH = 7.05
						No (Yes) Time 1530
						Method Used
						EDI ..... EWI ..... Other .....
						SEDIMENT SAMPLES
						No ..... Yes ..... Time .....
						Method Used
						EDI ..... EWI ..... Other .....
Weighted M.G.H.						**BIOLOGICAL SAMPLES**
G.H. correction						Yes ..... Time .....
Correct M.G.H.						No ..... 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 .....

Cross section .....

Control working, sand + algae in flume

Gage operating ..... Weather .....

Intake/Orifice cleaned no Air 38 F ~~°C~~ Water 41 F ~~°C~~

Record removed ..... Extreme Indicator: Max. ..... Min. .....

~~Manometer~~ N_2 Pressure Tank 1900 Feed 12 Bbl rate ..... per min. .....

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

Observer .....

HWM ..... outside, in well

Remarks temp orifice is above water surface, so IG reading is obsolete. Perm orifice still frozen, so will leave temp connected

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

River at—

Angle coefficient	Dist. from initial point	Width	1515 Depth LEW	Observation depth	Revolutions	Time in seconds	VELOCITY: At point	VELOCITY: Mean in vertical	Adjusted for hor. angle or	Area	Discharge
	3.5										
	3.5		0.03								
	★CAN'T GET PYGMY MEAS - stream too shallow. Channel still full of snow, so no cutthroat, either										
	★6 @ 1525										
			1) 0.97			St.					
			2) 4.65			WT					
			3) 27.44			SC					
⊙			4) 13.7			V					

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

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