

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

## DISCHARGE MEASUREMENT NOTES

39

Sta. No. CANADA STREAM @ FI

Meas. No. \_\_\_\_\_

Comp. by \_\_\_\_\_

Checked by \_\_\_\_\_

Date Dec 11, 19 01 Party CJLT

Width 12.5 Area 3.27 Vel. \_\_\_\_\_ G. H. \_\_\_\_\_ Disch 2.68

Method \_\_\_\_\_ No. secs. \_\_\_\_\_ G. H. change +0.05 in 0.83 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	WT	SC	Outside	No _____	Yes _____	Time _____
<u>1407</u>	<u>1.95</u>	<u>9.22</u>	<u>21.95</u>	<u>0.94</u>	Samples Collected		
<u>1457</u>	<u>2.02</u>	<u>9.48</u>	<u>21.2</u>	<u>0.99</u>	No _____	Yes <input checked="" type="checkbox"/>	Time <u>1415</u>
					Method Used		
					EDI _____	EWI _____	Other _____
					SEDIMENT SAMPLES		
					No _____	Yes _____	Time _____
					Method Used		
					EDI _____	EWI _____	Other _____
					BIOLOGICAL SAMPLES		
					Yes _____	Time _____	
					No _____	Type _____	

Weighted M.G.H. \_\_\_\_\_  
G.H. correction \_\_\_\_\_  
Correct M.G.H. \_\_\_\_\_

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 clear

Gage operating \_\_\_\_\_ Weather Clear, warm

Intake/Orifice cleaned \_\_\_\_\_ Air \_\_\_\_\_ °C @ \_\_\_\_\_ Water \_\_\_\_\_ °C @ \_\_\_\_\_

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

Nitrogen Pressure Tank \_\_\_\_\_ Feed \_\_\_\_\_ Bbl rate \_\_\_\_\_ per min.

CSG checked \_\_\_\_\_ Stick reading \_\_\_\_\_

Observer \_\_\_\_\_

HWM \_\_\_\_\_ outside, in well \_\_\_\_\_

Remarks @ 1407 wTm = 8.9, Cm = 23.925

River at -

ANGLE COEF-FICIENT	DIST. FROM INITIAL POINT	WIDTH	DEPTH	OBSERVA-TION DEPTH	REVO-LUTIONS	TIME IN SEC-ONDS	VELOCITY		ADJUST-ED FOR HOR. ANGLE OR -----	AREA	DISCHARGE
							AT POINT	MEAN IN VER-TICAL			
LEW @	2.0	0									
	2.5		.27		23	40					.85
	3.0		.25		29	}					
	3.5		.25		32						
	4.0		.25		38						.90
	4.5		.30		45						.92
	5.0		.33		50						
	5.5		.33		33						.94
	6.0		.33		26						.96
	6.5		.33		39						.97
	7.0		.33		37						.98
	7.5		.35		59						.99
	8.0		.30		50						
	8.5		.33		48						
o	9.0		.33		39						1.00
	9.5		.30		26						
	10.0		.30		26						
	11.0		.25		23					.99	
	12.0		.25		11					.98	
	13.0		.20		12					.97	
REW @	14.5								3.27	2.68	.96