9-275-F
(Apr. 93)

U.S. Department of the Interior
U.S. Geological Survey
Water Resources Division

DISCHARGE MEASUREMENT NOTES

Meas. No. 101

Comp. by SLD

Checked by Sontek

Sta. No. _____

Sta. Name F1 - Canada Strm

Date Dec 28, 2009 Party SL Davidson

Width 3.70 Area 0.929 Vel. 0.578 G.H. _____ Disch. 0.538

Method .6 No. Sec. 13 G.H. Change _____ in _____ hrs. Susp. _____

Method coef. 1.0 Hor. angle coef. calc'd Susp. coef. 1.0 Meter No. P2151

Type of meter ADV Date rated _____ Tag checked _____

Meter — ft. above bottom of wt. Spin before meas. ADV ✓ after —

Meas. Plots — % diff from — rating. Levels obtained No

GAGE READINGS

Time	Inside				Outside
1735	1.43				0.42
1745	1.43				0.41
1800					
1806	1.4279	finish	Meas		0.42
Weighted MGH					
GH correction					
Correct MGH					

WATER QUALITY MEASUREMENTS

No..... Yes....X..... Time 1740

Samples Collected SC=14.5 µS WT=6.6 pH lab=6.930

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

Method Used

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

SEDIMENT SAMPLES

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

Method Used

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

BIOLOGICAL SAMPLES

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

No.....Type.....

Check bar, chain found _____ changed to _____ at _____

Wading, cable, ice, boat, upstr., downstr., side bridge 20 feet, mile, above, below, gage.

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

Flow well distributed

Cross section even - sand

Control Clear

Gage operating Yes Weather overcast/calm/cool

Intake/Orifice cleaned No Air 2.0 °C@ _____ Water 6.6 °C@ _____

Record removed No Extreme Indicator: Max _____ Min _____

N_2 Pressure Tank 1500 Feed 12 Bbl rate 60 per min. Batt volt _____

CSG checked _____ Stick reading _____

Observer _____ outside, in well _____

HWM Date = 362 Time = 1735 Watch = 1735

Remarks #6 @ 1735 ① 1.4308 ② 6.6511 ③ 14.248 ④ 3.6197 ⑤ 14.38

Sheet No. _____ of _____ sheets

G.H. of zero flow _____ ft