Form 9-275G
(Sep. 2000)

U.S. DEPARTMENT OF THE INTERIOR
U.S. Geological Survey
WATER RESOURCES DIVISION
DISCHARGE MEASUREMENT AND GAGE INSPECTION NOTES

Meas. No. 104

Comp. by _____

Checked by _____

Sta. No. F1

Sta. Name Canada

Date 1/25, 2010 Party LFS BAM

Width 7.500 Area 2.492 Vel. 0.983 G. H. _____ Disch. 2,450 cfs

Method _____ No. secs. 25 G. H. change _____ in _____ hrs.

Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____

Meter Type flowtracker Meter No. _____ Meter ADV ft. above bottom of wt.

Rating used _____ Spin test before meas. _____ ; after _____

Meas. plots _____ % diff. from rating no. _____ Indicated shift _____

GAGE READINGS						
Time					Inside	Outside
1211					1.82	0.80 - 1.80
13:00	Start				1.98	0.97 - 1.97
	Finish					
Weighted MGH						
GH correction						
Correct MGH						

Samples collected: water quality, sediment, biological, other _____

Measurements documented on separate sheets: water quality, aux./base gage, other ~~@1215~~ pH = 7.582 (in lab)

Rain gage serviced/calibrated _____ SC = 23 µS wt = 6.9°C (handheld)

Weather: Sunny, calm

Air Temp. 6.3 °C at 1211

Water Temp: 6.9 °C at 1211

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 25 ft., mi. upstr., downstr. of gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following conditions: Flow: weighted REW

Cross section : Cobbles/Sand

Gage operating: Yes Record Removed Yes

Battery voltage: 13.9 Intake/Orifice cleaned/purged: _____

Bubble-gage pressure, psi: Tank 1400, Line 12 ; Bubble-rate 54 /min.

Extreme-GH indicators: max _____, min _____.

CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____

HWM inside/outside: _____

Control: clear

Remarks: ~~x6~~ @ 1211 1) 1.82 2) WT 6.9 3) SC 14.4 4) AT 6.3 5) BV 13.9
• closed gage for season, switched SMS

GH of zero flow = GH _____ - depth at control _____ = _____ ft., rated _____

Sheet No. _____ of _____ sheets

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