

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

Meas. No. 103

Comp. by EJB

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

Sta. No. \_\_\_\_\_

Sta. Name F1 Canada Stream

Date Jan 21, 2010 Party EJBlojczak / BAMunday

Width 9.6 Area 3.20 Vel. 1.12 G. H. 2.07 Disch. 3.57

Method 16 No. secs. 26 G. H. change -.01 in 15 hrs.

Method coef. 1.0 Horiz. angle coef. 1.0 Susp. 201 Tags checked \_\_\_\_\_

Meter Type Pygmy Meter No. 0081025 Meter \_\_\_\_\_ ft. above bottom of wt.

Rating used 6/99 Spin test before meas. 1:30; after 05

Meas. plots \_\_\_\_\_ % diff. from rating no. \_\_\_\_\_ Indicated shift \_\_\_\_\_

GAGE READINGS						
Time	AT	SC	WT	Stage	Inside	Outside
1745	8.9	14.2	8.57	2.08		2.08
1745	Start					
1805						
1810				2.07		2.07
	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 \_\_\_\_\_

Rain gage serviced/calibrated \_\_\_\_\_

Weather: Clear/Breezy

Air Temp. 9.0 °C at 1810

Water Temp: \_\_\_\_\_ °C at \_\_\_\_\_

Check bar/chain found \_\_\_\_\_

Changed to \_\_\_\_\_ at \_\_\_\_\_

Correct \_\_\_\_\_

Wading, cable, ice, boat, upstr., downstr., side bridge, 30 ft. mi. upstr., downstr. of gage.

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

conditions: Flow: Slightly Turbulent

Cross section: Cobble / Gravel

Gage operating: OK Record Removed No

Battery voltage: 14.1 Intake/Orifice cleaned/purged: No

Bubble-gage pressure, psi: Tank 1450, Line 12; Bubble-rate \_\_\_\_\_ /min.

Extreme-GH indicators: max \_\_\_\_\_, min \_\_\_\_\_

CSG checked: \_\_\_\_\_ HWM height on stick \_\_\_\_\_ Ref. elev. \_\_\_\_\_ HWM elev. \_\_\_\_\_

HWM inside/outside: \_\_\_\_\_

Control: Clear - Flow spilling from overflow

Remarks: SC = 15.5 @ 8.5°C @ 1748.

pH = 7.46

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

