

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

Meas. No. _____
Comp. by AS
Checked by _____

Sta. No. F1
Sta. Name Canada
Date 9 Jan, 20 14 Party SWC, AS
Width _____ Area _____ Vel. _____ G. H. _____ Disch. 15.088
Method Flowtraker No. secs. _____ G. H. change _____ in _____ hrs.
Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____
Meter Type _____ Meter No. _____ Meter _____ 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
	16:00		stage 2.80	1.67
			Hydrp 4.35	4.1
	Start		S. conduit 8.40	4.4
			Air temp 9.66	
			Flowtraker finished	15.088 cfs
		@ 16:25		
			stage 2.80	1.67
	Finish			
Weighted MGH _____				
GH correction _____				
Correct MGH _____				

Samples collected: water quality, sediment, biological, other
15:55

Measurements documented on separate sheets: water quality, aux./base gage, other

Rain gage serviced/calibrated _____

Weather: sunny, cold wind
Air Temp. _____ °C at _____
Water Temp: _____ °C at _____
Check bar/chain found _____
Changed to _____ at _____
Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, _____ ft., mi. upstr., downstr. of gage.
Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following conditions: Flow: peak flow

Cross section: _____
Q-trunk: F195AN pH: 6.57

Gage operating: _____ Record Removed _____
Battery voltage: 13.4 Intake/Orifice cleaned/purged: _____
Bubble-gage pressure, psi: Tank 10, Line _____; Bubble-rate 60 /min.
Extreme-GH indicators: max _____, min _____
CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
HWM inside/outside: _____
Control: _____

Remarks: No. at 1,000, took sediment load sample

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