

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

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

Sta. No. _____
Sta. Name CANADA
Date 12/27, 20 12 Party JCD, DC
Width _____ Area _____ Vel. _____ G. H. 1.154 Disch. 5.59
Method _____ 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
1700					
1705	Start	BAGGED		2.13	2.11
1720		PLATEAU		2.45	1.48
1725		BAGS REMOVED			
1730	Finish	-		2.14	1.15
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: _____
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: TOTAL FLOW THRU FLUME

Cross section: SPILLWAY BAGGED TO DIRECT FLOW INTO FLUME (IN LIEU OF CURRENT-METER MEAS.)

Gage operating: _____ Record Removed _____

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

Bubble-gage pressure, psi: Tank _____, Line _____; Bubble-rate _____ /min.

Extreme-GH indicators: max _____, min _____

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

HWM inside/outside: _____

Control: _____

Remarks: _____

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