

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 CBR

Sta. No. _____

Sta. Name F1 Canada

Date 12-29, 20 10 Party CBR SKR? CLJ

Width 14.7 Area 6.10 Vel. 1.60 G. H. _____ Disch. 9.77

Method .6 No. secs. 33 G. H. change _____ in _____ hrs.

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

Meter Type ADV 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
<u>1430</u>		<u>stg</u>	<u>2.52</u>	<u>1.48</u>
		<u>WT</u>	<u>7.66</u>	<u>7.6</u>
	Start	<u>AT</u>	<u>9.49</u>	
		<u>SC</u>	<u>14.4</u>	<u>23.3</u>
<u>1440</u>		<u>stg</u>	<u>2.51</u>	<u>1.48</u>
<u>1442</u>	<u>Purged - no change</u>	<u>stg</u>	<u>2.48</u>	<u>1.48</u>
<u>1505</u>	Finish		<u>2.48</u>	<u>1.48</u>
	Weighted MGH	<u>pH: 5.47</u>		
	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: cloudy

Air Temp. _____ °C at _____

Water Temp: _____ °C at _____

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 75 ft., mi. upstr., downstr. of gage.

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

Cross section: gravel, cobble

Gage operating: OK Record Removed NO

Battery voltage: 14.0 Intake/Orifice cleaned/purged: yes, -.03 correction

Bubble-gage pressure, psi: Tank 400, Line 10; Bubble-rate 44 /min.

Extreme-GH indicators: max _____, min _____

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

HWM inside/outside: _____

Control: clear & using overflow

Remarks: purged for a -.03 correction

GH of zero flow = GH 1 - depth at control 1 = _____ ft., rated _____