

U.S. Geological Survey
WATER RESOURCES DIVISION
DISCHARGE MEASUREMENT AND
GAGE INSPECTION NOTES

Meas. No. _____

Comp. by SPDChecked by Sentek

Sta. No. _____

Sta. Name Canada Stream - F1Date Nov 30, 20 08 Party SLD/HavertonWidth 4.50 Area 0.925 Vel. 1.52 G.H. _____ Disch. 1.41Method 16 No. secs. 13 G.H. change _____ in _____ hrs.Method coef. 1.0 Horiz. angle coef. calc'd Susp. rod Tags checked _____Meter Type Flowtracker Meter No. P2151 Meter _____ ft. above bottom of wt.Rating used _____ Spin test before meas. ADV ✓ ; after _____

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

GAGE READINGS						Samples collected: water quality, sediment, biological, other _____
Time						
<u>1600</u>				<u>1.44</u>	<u>0.59</u>	<u>None</u>
	Start					Measurements documented on separate sheets: water quality, aux./base gage, other _____
<u>1615</u>						
						Rain gage serviced/calibrated _____
<u>1629</u>				<u>1.44</u>	<u>0.55</u>	Weather: <u>Sunny/cle/fog break</u>
<u>1645</u>	Finish			<u>1.37</u>	<u>0.52</u>	Air Temp. _____ °C at _____
						Water Temp. <u>38.4</u> °C at _____
						Check bar/chain found _____
Weighted MGH						Changed to _____ at _____
GH correction						Correct _____
Correct MGH						

Wading, cable, ice, boat, upstr., downstr., side bridge, 125 ft. mi. upstr., downstr. of gage.

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

conditions: Flow: shallow - fairly evenCross section: cobble/gravel - fairly uniformGage operating: YES Record Removed NOBattery voltage: _____ Intake/Orifice cleaned/purged: NOBubble-gage pressure, psi: Tank 325, Line 14; Bubble-rate 60 /min.

Extreme-GH indicators: max _____, min _____

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

HWM inside/outside: _____

Control: fast etc. plume

Remarks: *5 = Julian 335 45 08 Time 1600 Most flow I've seen this season

*6 01: 1.44 02: 1.11 03: 23.5 04: 6.11 05: 14.2

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

Sheet No. _____ of _____ sheets

River at -											
ANGLE COEFFICIENT	DIST. FROM INITIAL POINT	WIDTH	DEPTH	OBSERVATION DEPTH	REVOLUTIONS	TIME IN SECONDS	VELOCITY		ADJUSTED FOR HOR. ANGLE OR	AREA	DISCHARGE
							AT POINT	MEAN IN VERTICAL			
											.80
											.85
											.90
											.92
											.94
											.96
											.97
											.98
											.99
											1.00
											.99
											.98
											.97
											.96
											.94
											.92
											.90
											.85
											.80

Suspect Accur is in
 feeding correctly. Could
 be slope or units.
 Will research @ F6
 + fix this week.

Flowmeter memory
 corrupted. Unable
 to download dis file.