

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

Meas. No. (411)
Comp. by Agurkale
Canada 1229
Checked by _____

Sta. No. _____
Sta. Name CANADA 2 F1
Date DEC 29, 2001 Party JOW, LT, CJ
Width 16.0 Area 8.17 Vel. 3.08 G.H. _____ Disch. 25.2
Method 6 No. secs. 25 G.H. change +0.02 in 0.5 hrs.
Method coef. 1.0 Horiz. angle coef. 1.0 Susp. 120D Tags checked _____
Meter Type Pygmy Meter No. 8009223 Meter _____ ft. above bottom of wt.
Rating used 6/99 Spin test before meas. 3'19"; after O.K.
Meas. plots _____ % diff. from rating no. _____ Indicated shift _____

GAGE READINGS						
Time	WT	WTm	Cam	SC	Inside	Outside
		<u>5.6</u>	<u>8.4</u>			
<u>1720</u>	<u>Start</u> <u>6.2</u>	<u>5.6</u>	<u>8.4</u>	<u>18.7</u>	<u>3.13</u>	<u>2.17</u>
<u>1755</u>	<u>Finish</u> <u>6.0</u>			<u>18.3</u>	<u>3.18</u>	<u>2.19</u>
Weighted MGH _____						
GH correction _____						
Correct MGH _____						

Samples collected: water quality
sediment, biological, other _____
1730
Measurements documented on separate sheets: water quality, aux./base gage, other _____
Rain gage serviced/calibrated _____
Weather: SUNNY, WARM, CLEAR
Air Temp. _____ °C at _____
Water Temp. _____ °C at _____
Check bar/chain found _____
Changed to _____ at _____
Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 50 ft, mi. upstr. downstr. of gage.
Measurement rated excellent (2%), good (5%), fair (8%), poor (>8%); based on following conditions: Flow: rapid velocity across channel - even flow - turb.
Cross section: gravel - sand - high sed load

Gage operating: _____ Record Removed _____
Battery voltage: 14.22 Intake/Orifice cleaned/purged: _____
Bubble-gage pressure, psi: Tank 1750, Line 10; Bubble-rate 55 /min.
Extreme-GH indicators: max _____, min _____
CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
HWM inside/outside: _____
Control: Clear - high filling conditions

Remarks: time reset from 1720 to 1725
8.4

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