

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

Meas. No. _____

Comp. by LWD

Checked by SUD

Sta. No. F1

Sta. Name Canada Stream

Date 12/3/2002, 20 Party CHV SLD

Width _____ Area _____ Vel. _____ G.H. _____ Disch. _____

Method S No. secs. _____ G.H. change _____ in _____ hrs.

Method coef. 1 Horiz. angle coef. calc'd Susp. Red Tags checked _____

Meter Type Hydro Meter No. 92151 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>1636</u> | | | | <u>1.41</u> | <u>.55</u> |
| | Start | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | Finish | | | | |
| | | | | | |
| | | | | | |
| Weighted MGH | | | | | |
| GH correction | | | | | |
| Correct MGH | | | | | |

Samples collected: water quality, sediment, biological, other _____

1.55 NONE

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

Rain gage serviced/calibrated _____

Weather: partly cloudy / 45 under

Air Temp. 7.5 °C at 1645

Water Temp. 5.0 °C at 1645

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 25 (ft), mi. upstr., downstr. of gage.

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

Cross section: _____

Gage operating: Yes Record Removed No

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

Bubble-gage pressure, psi: Tank 300, Line 14; Bubble-rate 50 /min.

Extreme-GH indicators: max _____, min _____

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

HWM inside/outside: _____

Control: Free + Clear

Remarks: AG 1) 1.41 2) 2.00 wt 3) 25.15C 4) 2.76 AT 5) 14.1 vau

Storm rolled in had to stop and go back to PG

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