

U.S. DEPARTMENT OF THE INTERIOR  
U.S. Geological Survey  
WATER RESOURCES DIVISION  
DISCHARGE MEASUREMENT AND  
GAGE INSPECTION NOTESMeas. No. 54

Comp. by \_\_\_\_\_

Checked by \_\_\_\_\_

Sta. No. \_\_\_\_\_

Sta. Name F1 - CanadaDate Jan 29, 2003 Party JG

Width \_\_\_\_\_ Area \_\_\_\_\_ Vel. \_\_\_\_\_ G. H. \_\_\_\_\_ Disch. \_\_\_\_\_

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 (ft) |        |      |       |        |         |
|--------------------|--------|------|-------|--------|---------|
| Time               |        | IG   | OB    | Inside | Outside |
|                    |        | CR10 | CR10  |        |         |
| 14:14              |        | N/A  | 1.815 | 1.94   | 0.815   |
|                    | Start  |      |       |        |         |
|                    |        |      |       |        |         |
|                    |        |      |       |        |         |
|                    |        |      |       |        |         |
|                    |        |      |       |        |         |
|                    |        |      |       |        |         |
|                    | Finish |      |       |        |         |
|                    |        |      |       |        |         |
| Weighted MGH       |        |      |       |        |         |
| GH correction      |        |      |       |        |         |
| Correct MGH        |        |      |       |        |         |

Samples collected: water quality,  
sediment, biological, other noneMeasurements documented on  
separate sheets: water quality,  
aux./base gage, other \_\_\_\_\_

Rain gage serviced/calibrated \_\_\_\_\_

Weather: 1<sup>st</sup> CC, wind 10 mph, fr east

Air Temp. \_\_\_\_\_ °C at \_\_\_\_\_

Water Temp. 6.1 °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 (&gt; 8%); based on following

conditions: Flow: \_\_\_\_\_

Cross section: \_\_\_\_\_

Gage operating: \_\_\_\_\_ Record Removed \_\_\_\_\_

Battery voltage: 13.6 Intake/Orifice cleaned/purged: \_\_\_\_\_Bubble-gage pressure, psi: Tank 400 → 2100, Line \_\_\_\_\_; Bubble-rate \_\_\_\_\_ /min.

Extreme-GH indicators: max \_\_\_\_\_, min \_\_\_\_\_

CSG checked: \_\_\_\_\_ HWM height on stick \_\_\_\_\_ Ref. elev. \_\_\_\_\_ HWM elev. \_\_\_\_\_

HWM inside/outside: \_\_\_\_\_

Control: \_\_\_\_\_

Remarks: put in new N2 tank

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

Sheet No. \_\_\_\_\_ of \_\_\_\_\_ sheets

Shut canoflow down → turned it back on @ 14:16

INFLC  
576 PNGS

29 Jan 2003

## CANADA STREAM

- didn't strap it up

stage = 0.815' on plate

just barely flowing in overflow  
less than 0.01' of stage in overflow

Inside bge = 1.94

J6 solo

wx - 10% CE

wind ~ 10 mph, East

AT = ~ 1°C

# 6 readings @ 1414

1 = 1.94

2 = 6.31

3 = 22.3

4 = 13.6

No H<sub>2</sub>O samples taken

SC = 18.8  $\mu$ S Cond = ~~14~~ 12.0  $\mu$ S

Temp = 6.1°C

Tank was ~ 400 psi. → New tank 2100 psi  
SPM settings a.k.

!! Cno flow was shut down!!

turned on @ 14:16

stage became 1.86