Form 9-275F
(Apr. 2001)

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

Meas. No. 44
Comp. by _____
Checked by _____

Sta. No. _____
J day 339
Sta. Name FI - Canada
Date DEC 5 , 2002 Party KC
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	OG	Inside	Outside
			CRIO	Corrn		Rdg
22:22			N/A	1.255		0.255
	Start					
	Finish					
Weighted MGH						
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: _____
Air Temp. _____ °C at _____
Water Temp. _____ °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 (> 8%); based on following conditions: Flow: _____
Cross section: _____

Gage operating: _____ Record Removed _____
Battery voltage: 12.75 Intake/Orifice cleaned/purged: _____
Bubble-gage pressure, psi: Tank 1950 , Line 10 psi ; Bubble-rate _____ /min.
Extreme-GH indicators: max _____ , min _____ .
CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
HWM inside/outside: _____
Control: _____

Remarks: installed new battery so now have power; opened conoflow

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

Sheet No. _____ of _____ sheets

Notes: Old New
Yr 2002 → 2003
Julian Day 338 → 339
Time 24:00 → 20:13

INFLC CRIO RDGS → Did not have power until today. So no flow measurements & other rdgs until today.

F1 - Canada Stn

12/5/02

Note
Flow is present!
Battery volt'g is low - 5.69V

New battery voltage is 12.75

Took out CR10WP
Battery of FIA Stor module is 5/05 installed
OK

N_2 tank 1950 psi
Regulator press 210 psi
Opened canoflow - don't hear any pressure leaks

SWOOP test - no leaks detected

Replaced CR10WP w/ CR10X

Stor module address is 1
" set to fill + stop
" Battery pwr OK
" has prog
" Time check yr - 2002
Julian day - 338
- changed to 339
Time - old - 24:00
new 20:13

Changed the scan rate

To Do Next Time
~~Bring soldering~~
Bring thermom
Bring cond meter

Resetting time
Julian Day 340 → 339 OK ✓

Notes cont'd
~~Connected keypad~~
Ch. 1 – water level (ft) ⊖ 99999 – not OK
Channel 2 – wtr temp = -1.78°C
Channel 3 – Sp. conduct = 29.7 μSiemens
Channel 4 – Battery volts = 13.9 V

Troubleshooting Ch. 1
wires tight

.255 ft @ ~~22~~:22 PM
→ 0.287 cfs tDC