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. Insp

Comp. by _____

Checked by _____

Sta. No. _____

J-day 331

Sta. Name Fl-Canada

Date Nov 27, 2002 Party TF, 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 _____

No FLOW

GAGE READINGS						
Time					Inside	Outside
	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: 3.27 LOW Intake/Orifice cleaned/purged: _____

Bubble-gage pressure, psi: Tank _____, Line _____ ; Bubble-rate _____ /min.

Extreme-GH indicators: max _____, min _____.

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

HWM inside/outside: _____

Control: _____

_____

Remarks: bls of snow in channel, did wiring diagram

_____

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

Sheet No. _____ of _____ sheets

F1 - Canada Str

11/27/02

Tim
Karen

Notes

- No flow
- Lots of snow in channel
- N2 tank is empty
- Not much snow in gauge box
- Only one battery and it is low 3.27
- Solar panel reads 3.27

*⇒ perhaps data string affected

- swapping out F1B + installing F1A but not doing any checks b/c battery is dead
- Wall in pretty good shape
- New N2 tank PSI
- Added Trubble Bubble - no leaks detected
- ? Digiquartz Intelligent Transmitter
- CR10WP datalogger

~~Big~~

~~Battery 12.67~~

- Did wiring diagram

To Do Next Time

- Bring if possible 2 battery replacements
- Order extra bottles of leak detector
- Chem wipes
- Need Lego part for CR10X or how to wire directly
- Four bolts for corners (longer), 2 smaller bolts for plate, knurled knob
- Install CR10X – unhook solar battery before rewiring
- Open Conoflow
- Check new stag module
- Bring ziploc for trash

Inventory
Fuses
Portable flume
Copy of program

Solar panel connected to box w/ 4 bolts & wing nuts: WIRE IN TO REGULATOR → RED TO (+) ARRAY BLK TO (−) ARRAY (connector in middle) FROM PANEL

WIRE FROM BATTERY → WIRE FROM REGULATOR TO POSITIVE BATTERY; BLACK FROM NEGATIVE BATTERY TO CONNECTOR (split to connectors for batteries) THEN CONNECTOR TO BATTERY (SOLDERED)

Done for the CR10X