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. _____
Comp. by _____
Checked by _____

Sta. No. _____
Sta. Name B3 - Lawson
Julian Day 340
Date Dec 6 , 2002 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) Tdwn

Time	Tdwn	Tdwn			Inside	Outside
	cm	ft				ft
12:00	34.4					6.66
	Start					
~~13:05~~					~~23.244~~	
13:07	~33.4					6.69
	Finish					
Weighted MGH						
GH correction						
Correct MGH						

(1) 12:00 — IG - too high - problem (2) 13:07

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: 14.07; 1393 (2 batteries) Intake/Orifice cleaned/purged: _____
Bubble-gage pressure, psi: Tank 2100 , Line 10 ; Bubble-rate _____ /min.
Extreme-GH indicators: max _____ , min _____ .
CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
HWM inside/outside: _____
Control: _____

Remarks: Pit in new N2

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

Sheet No. _____ of _____ sheets

B1D STG RDGS ON CR10

Storage module replaced ~12:10

	Old	New
Year	41	→ 2002
Day	57	→ 340
Time	x	→ x + 47 min

Top of rebar elevation from 12/6/02 levels = ~~7.777 ft~~ 7.785 - 1.129 = 6.656

① Tapedown @ 12:00 = 34.4 cm (1 in / 2.54 cm)(1 ft / 12 in) = 1.129 ft → ~~7.777 - 1.129 = 6.648 ft~~

② Tapedown @ 13:07 = 33.4 cm (1 in / 2.54 cm)(1 ft / 12 in) = 1.096 ft → ~~7.777 - 1.096 = 6.681 ft~~
7.785 - 1.096 = 6.689

Julian Day 340

6 Dec 2002

B3 Lawson Crk

· Beautiful Place!!

→ water flowing

stge height ↓ ~~below~~ down from ↑ top of rebar =

weir looks good ~~from top~~

from top of rebar to water level =
length of shovel from handle to blade top
34.4 cm
1 book + mark from bottom

In Box

Cylinder pressure = ϕ
charge regulator light on
battery power = 14.07 and 13.93
(12 volt)
battery power on storage module ~~B3A~~ B3B 0.k.
~~2~~10 - new storage module put on (CB3 B)
1214 B3B brought home to F6!

Time changed; was 47 min fast
Date changed; was 57
Year changed; was 41

Batteries are from 8-3-93 and 11-22-95
but seem to be o.k. so not changed

? time, memory on B3, *0? necessary?

For kit - get small phillips screwdriver
- small wire brush
- large regular screwdriver

~~Etm~~

Changed Nitrogen tank
pressure 2100 psi
2nd pressure reading = 10 psi
everything looks o.k. for physical/mechanical setup

Has CR10
did not change to CR10X yet

Values on 6a
1: 21.751 time?
2: -99999
3: 0.0
4: 13.61

downloaded program on new storage module (B3B)

Value on 69
1: 23.294 @ 1305 →

1307 stage level measured from top of rebar to water level is about 1 cm higher than when we first arrived ~1200

1308 change scan rate to 900

Box has - snoop
- minimal xtra parts
" needs - CR10X
- a little foam

B__ WASHED OUT; ESTIMATED FLOW @ 1-2 Liters/sec. (John est. @ 1)
Bloodfalls - trickle ~ .5 liters/sec
No visible flow in other streams enroute to Prisca Stream