

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

Meas. No. 6
Comp. by _____
Checked by _____

J-Day
339

Sta. No. _____
Sta. Name F7 Harnish
Date Dec 5, 2002 Party JOG, KDC
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					
Time				Inside	Outside
Start	<u>NO FLOW</u>				
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: 13.45 Intake/Orifice cleaned/purged: _____

Bubble-gage pressure, psi: Tank 1900, 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: Replaced CR10 with CR10X; installed F7B storage module

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

Sheet No. _____ of _____ sheets

Old 2002 → 2003 ✓
Julian Day 338 → 339
Time 17:12 → 12:12

F7 - HARNISH

12/15/02

John, Karen

Notes

- F7B Storage Module Battery date is 3/00
∴ OK
- Door opens to west
- Solar panel on ~~east~~ north
- Downloaded prog from CR10 to new string module F7B
- Took out CR10, replaced it w/ CR10X
- Rewired CR10X
- Installed F7B storage module
- Did *0 to start logging
- Changed scan rate to 15 sec to ensure that vols being recorded
- Initial N₂ tank press - 1900 psi
- Regulator at 10 psi
- No pressure leaks from conoflow
- SNOOP on N₂ tank - do not appear to be any leaks
- Checking string module
 - set to fill & stop
 - battery is OK
 - one prog on string module
 - Time check - yrd 2002, Julian Day - 338
 - Changed Julian Day to 339 OK ✓

To Do Next Time

Bring plastic ties

Ask Thomas

- Does it matter which color
AG you go to or which
12V you go to

Does it matter what ground we put
wire into

Do we have to do anything w/ the
blue wire sticking out

If no prog or datalogger, brand new datalogger

Old time: 17:12

New time: 12:12

Changed scan rate to 10 Hz

Checked battery volts w/
voltmeter - 13.45

Changed scan rate back to 900 sec

Took photo of box + wires