

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

Meas. No. G
Comp. by _____
Checked by _____

J-day
336

Sta. No. _____
Sta. Name F7-Harnish
Date Dec 2, 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
?				546	
	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: 13.7 Intake/Orifice cleaned/purged: _____
Bubble-gage pressure, psi: Tank empty, Line _____; Bubble-rate _____ /min.
Extreme-GH indicators: max _____, min _____
CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
HWM inside/outside: _____
Control: _____

Remarks: wall; orifice line completely covered in snow; swapped out F7A storage module

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

Sheet No. _____ of _____ sheets

GPS

S 77° 36' 43.9"
E 163° 13' 57.2"

F7 - HARNISH

15
12/2/02

Tim
Kauer

Notes

No flow

Wall, office lines completely covered in snow

Hardly any snow in box

N₂ tank empty

GPS coords

S 77° 36' 43.9"

E 163° 13' 57.2"

CR10 data logger - need CR10X - but have power adapter piece
- not wired completely - looks wired for battery not for recording staying
- Battery 13.7

• Swapped out F7A storage module

• Battery on F7A storage module is old
8194 - DO NOT REUSE STORAGE MODULE

• Array 14.4V

• *6 ch 1: 5.46
ch 4: 13.55
ch 5: 17.00

Inventory

Extra office line

Next time

- Bring new string module
- Bring CR10x - but have power adaptor piece
- Bring rock bag to collect fish already

F7 - Hamish

12/2/02 (Mon) - No flow, showed in

Flow CR10 → need CR10x

Swapped out F7A storg module but forgot to bring new one to install

Swapped out empty N₂ tank, replaced w/ new one (did not record psi)

Did not hook up bec no new storg module → did not want to waste N₂ gas

2/15/02 (Thurs) John, Kenen

Rewired CR10x

Installed F7B storg module

Opened N₂ tank, press = 1900 psi - no leaks detected

N₂ regulator pressure ~ 10 psi

Opened conoflow