

**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 F7 - Hannish  
Date Jan 29, 2003 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**

Time				Inside	Outside
??				5.4	
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: 13.5 Intake/Orifice cleaned/purged: OK

Bubble-gage pressure, psi: Tank 1500 → 2000, Line \_\_\_\_\_; Bubble-rate \_\_\_\_\_ /min.

Extreme-GH indicators: max \_\_\_\_\_, min \_\_\_\_\_

CSG checked: \_\_\_\_\_ HWM height on stick \_\_\_\_\_ Ref. elev. \_\_\_\_\_ HWM elev. \_\_\_\_\_

HWM inside/outside: \_\_\_\_\_

Control: Orifice was covered in ~10 cm of sand, cleaned it out but it will probably fill back in w/ low flow

Remarks: no end of year levels; took out F7B storage module @ 17:28 installed F7A storage module; changed N2 tank

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

29 Jan 2023

Harnish

JG solo

wx: still awesome!

same as Crescent/Delta/Canada

no flow present

no end of yr survey completed

CR10 s/m settings o.k except

changed s/m @ 1728

took out F7B

put in F7A

scan rate

changed scan rate to 900sec was 10 sec

CR10 readings

ch1 stage = 5.4

4 batt volt = 13.5

changed N<sub>2</sub> tank

pressure was 1500

now 2000

purge was good

orifice was covered in ~10cm of sand

cleaned it out but it will

probably fill back in with low flows