Form 9-275G
(Sep. 2000)

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

Meas. No. 25

Comp. by EJB

Checked by _____

Sta. No. _____

Sta. Name F7 Harnish Creek hov? SWL

Date Jan. 14, 2010 Party EJBlajszczak, MSBecker, BAMoeday

Width _____ Area _____ Vel. _____ G. H. _____ Disch. 0.03

Method _____ No. secs. _____ G. H. change _____ in _____ hrs.

Method coef. _____ Horiz. angle coef. — Susp. — Tags checked _____

Meter Type Baski 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 — Tape Down

Time	Baski	AT	SC	WT	Inside	Outside
1835		5.34	196	7.88	5.64	1.52
1840	– Purge –					5.64
	Start	(Removed) Sand Around orifice				
1845	0.68	5.35	195	8.41	5.60	1.54
						5.62
	Finish					
Weighted MGH						
GH correction						
Correct MGH						

Samples collected: water quality, sediment, biological, other _____ @ 1845

Measurements documented on separate sheets: water quality, aux./base gage, other _____

Rain gage serviced/calibrated ___

Weather: L. Breezy / Partly Cloud

Air Temp. _____ °C at _____

Water Temp: 8.2 °C at _____

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 250 ft, mi. upstr., downstr. of gage. Baski

Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following conditions: Flow: Fairly uniform

Cross section : Sand / Gravel

Gage operating: OK Record Removed No

Battery voltage: 13.5 Intake/Orifice cleaned/purged: Yes

Bubble-gage pressure, psi: Tank 1500, Line 13 ; Bubble-rate _____ /min.

Extreme-GH indicators: max _____, min _____.

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

HWM inside/outside: _____

Control: Weir Clear

Remarks: YSI = 205.7 @ 8.2°C @ 1845

pH = 8.258

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

GPO U.S. GOVERNMENT PRINTING OFFICE: 2009-524-859 Sheet No. _____ of _____ sheets