

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. Harnish F7
Sta. Name _____
Date Dec 29, 2013 Party AM + A
Width _____ Area _____ Vel. _____ G. H. _____ Disch. 0.179
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			
	14:26 back #1		0.1
	14:30 back #2		0.18
	14:36 stage	5.594	156.4
	11 knob	8.79	101.2
	11 end	169.48	185.8
Finish			
	back: 1: 0.1 = 0.042 cfs		
	" 2: 0.18 = 0.137 cfs		
	tot = 0.179 cfs		
Weighted MGH			
GH correction			
Correct MGH			

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

Measurements documented on separate sheets: water quality, aux./base gage, other _____
@ 14:40

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

pH 8.02

Remarks: solt back into 1/2 s across on island. Dig control
lines at d mark @ 14:32 (cond/temp surface lines with barbed)
of zero flow = GH _____ - depth at control _____ = _____ ft., rated _____