

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

Meas. No. 84
Comp. by EVB
Checked by _____

Sta. No. _____
Sta. Name H₂ - HOUSE
Date JAN 23, 2010 Party MFB, EIB, BAM
Width _____ Area _____ Vel. _____ G. H. _____ Disch. 0.042
Method BASKI 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. _____

GAGE READINGS						
Time	AT	WT	SC	BASKI	Inside	Outside
16:15	1.023	0.32	-711.6	0.10	0.9789	0
						1.00
	Start					
	Finish					
	Weighted MGH					
	GH correction					
	Correct MGH					

Indicated shift
pH = 7.118 (in lab)
Samples collected: water quality, sediment, biological, other samples
@ 16:25 processed @ 1/24/10
Measurements documented on 16:30
separate sheets: water quality, aux./base gage, other
LEVELS
Rain gage serviced/calibrated _____
Weather: NO WIND!!! OVERCAST
Air Temp. 1.0 °C at 16:15
Water Temp: 1.0 °C at 16:20
Check bar/chain found _____
Changed to _____ at _____
Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 80 ft., mi. upstr., downstr. of gage.
Measurement rated excellent (2%), good (5%), fair (8%), poor (>8%); based on following conditions: Flow: LOW, BUT OTHERWISE FLUENT & DISTRIBUTED
Cross section: SAND & GRAVEL

Gage operating: YES Record Removed YES
Battery voltage: 13.9 Intake/Orifice cleaned/purged: NO
Bubble-gage pressure, psi: Tank 1400, Line 12; Bubble-rate 66 /min.
Extreme-GH indicators: max _____, min _____
CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
HWM inside/outside: _____

Control: ICE IN FLUME (SOME), ICE ON EDGES OF STREAM (SC = 22.3 @ 18.0 °C in lab)
Remarks: * 5: TIME + DATE OK NO SPARE TANK

@ 16:15 TAPE DOWN FROM UPSTREAM LEFT EDGE OF FLUME = 1.96
GH of zero flow = GH _____ - depth at control _____ = _____ ft., rated _____