

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. H 1 Andersen
Sta. Name H 1 Andersen
Date 13 Jan, 20 14 Party SWC *Here to swap SC & VT probes*
Width _____ Area _____ Vel. _____ G. H. _____ Disch. 0.356
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

Time				Inside	Outside
Start	1305	WT	cut w/ shovel	0.8	
	1305	SC	clogged	290	107 Not
	1307	SC		280	SC
	1318	WT		1.56	107 EC
	1318	SC		256	142 EC
Finish		stg	1330	1.27	0.25
		stg	1330		0.29
				=0.356 cfs	

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: FN Mr M For high flows unfortunately flow

Cross section: Just trickles.
Rose much higher w/in a couple hours!!

Gage operating: _____
Battery voltage: _____ Record Removed _____
Intake/Orifice cleaned/purged: _____
Bubble-gage pressure, psi: Tank _____, Line _____; Bubble-rate _____ /min.
Extreme-GH indicators: max _____, min _____
SG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
M inside/outside: _____
Control: _____

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