

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

Meas. No. 6
Comp. by SLT
Checked by _____

Sta. No. Gran Crk @ F9

Sta. Name _____
Date Dec 29, 2005 Party KAM, SLH
Width 120 ft Area 3.586 Vel. 1.029 G. H. _____ Disch. 9.223 cfs
Method _____ No. secs. _____ G. H. change _____ in _____ hrs.
Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____
Meter Type Pygmy 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		WT	SC	Inside	Outside
1309	4.208	7.971	31.859	✓	
		9.3	20.16		
	Start				
1413	4.22				
	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. 7.971 °C at _____

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 500 ft., mi. upstr. downstr. of gage.

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

Cross section: road, shallow

Gage operating: _____ Record Removed _____

Battery voltage: _____ Intake/Orifice cleaned/purged: _____

Bubble-gage pressure, psi: Tank 1900, Line 10; Bubble-rate 52 /min.

Extreme-GH indicators: max _____, min _____

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

HWM inside/outside: _____

Control: ✓

Remarks: pH = 7.39

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

