

**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 CBR

Sta. No. F5 Aiken @ 1408
Sta. Name _____
Date 30 Dec, 20 10 Party SWC CBR
Width 11.65 Area 1.10 Vel. 0.90 G. H. _____ Disch. 0.99
Method 0.6 No. secs. 11 G. H. change _____ in _____ hrs.
Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____
Meter Type 0.6 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			6 mc	Inside	Outside
		Stg	1410	1.59	0.50
		start	1500		
	Start		1510	1.64	0.59
		Purged - no change	1512	1.64	
		Finish	1516	1.64	0.59 ± 0.02
	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: 100% overcast
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: purged, no change
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: rebuilt control between 1415 - 1500, will most likely change rating curve, tried to rebuild to original
Remarks: Came to rebuild control at overflow

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