Form 9-275G
(Sep. 2000)

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

Meas. No. _____
Comp. by CHW
Checked by _____

Sta. No. B3
Sta. Name Lawson
Date 12/1/2008, 20__ Party CHW, JLD, ARB
Width _____ Area _____ Vel. _____ G.H. _____ Disch. .407
Method Cut throat 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						RP=7.78
Time					Inside	Outside
1041					6.41	1.35 TD 6.43
	Start					
1108					6.44	1.32 TD 6.46
		Cut throat = .31 @ 1100				
	Finish					
Weighted MGH						
GH correction						
Correct MGH						

Samples collected: water quality, sediment, biological, other _____
1045
Measurements documented on separate sheets: water quality, aux./base gage, other _____
Rain gage serviced/calibrated ____
Weather: Sunny
Air Temp. 32.1 °C at 1039
Water Temp. 1 °C at 1049
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: _____

Remarks: No Temp/Conduc Probes
Battery = 14.000 Volts

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

Sheet No. _____ of _____ sheets

River at -

ANGLE COEFFICIENT	DIST. FROM INITIAL POINT	WIDTH	DEPTH	OBSERVATION DEPTH	REVOLUTIONS	TIME IN SECONDS	VELOCITY AT POINT	VELOCITY MEAN IN VERTICAL	ADJUSTED FOR HOR. ANGLE OR	AREA	DISCHARGE
			@ 10:42								
	*6	1)	6.41								
		2)	-9999								
		3)	0.000								
		4)	14.043								
		5)	16.00								
	Cutthroat Flume										
	GH = .265		1053								
	.276		1055								
	.301		1056								
	.298		1058								
⊙											
	Stable @ .301										

.0 .10 .20 .30 .40 .50 .60 .70 .75 .80 .85 .90 .92 .94 .96 .97 .98 .99 1.00 .99 .98 .97 .96 .94 .92 .90 .85 .80