Form 9-275F
(Apr. 2001)

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. _____

Sta. Name F9 Green

Date 1/15/08, 20__ Party VRM/AMS

Width _____ Area _____ Vel. _____ G.H. _____ Disch. _____

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						tapedown
Time					Inside	Outside
1417					4.01	.74
	Start					
1454					4.02	.73
	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 @1445

pH 8.8 SC 28.2

Rain gage serviced/calibrated ___

Weather: sunny + breezy

Air Temp. _____ °C at _____

Water Temp. 8.8 °C at 1445

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: yes Record Removed _____

Battery voltage: 13.9 Intake/Orifice cleaned/purged: _____

Bubble-gage pressure, psi: Tank 975, Line 12; Bubble-rate 20 /min.

Extreme-GH indicators: max _____, min _____.

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

HWM inside/outside: _____

Control: _____

Remarks: 1429 #6 4.01 sc 31.5
WT 9.17 B 13.9

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
	6.0				LEW @	1430					
	6.3	.	.25		3	70					
	6.6		.3		15	50					
	6.9		.33		30	42					
	7.2		.5								
*Stopped Pygmy broke											

.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

.0 .10 .20 .30 .40 .50 .60 .70 .75