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 SLD

Sta. No. F2
Sta. Name Avey Creek
Date 12/3/2008 , 20____ Party CHW SLD
Width _____ Area _____ Vel. _____ G.H. _____ Disch. _____
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						
Time					Inside	Outside
1353					1.08	.05
1403	Start				1.08	.04
	Finish					
		Cut throat @ 1403 = .07				
Weighted MGH						
GH correction						
Correct MGH						

Samples collected: water quality, sediment, biological, other _____
@ 1410
Measurements documented on separate sheets: water quality, aux./base gage, other _____
Rain gage serviced/calibrated ____
Weather: Partly Cloudy/windy
Air Temp. -1.0 °C at 1356
Water Temp. 3.5 °C at 1401
Check bar/chain found _____
Changed to _____ at _____
Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, Cut throat 25 ft., mi. upstr., downstr. of gage.
Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following conditions: Flow: laminar
Cross section: Gravel/Sand - even

Gage operating: Yes Record Removed No
Battery voltage: _____ Intake/Orifice cleaned/purged: _____
Bubble-gage pressure, psi: Tank 1700 , Line 9 to 14 change ; Bubble-rate 21 to 60 change /min.
Extreme-GH indicators: max _____ , min _____ .
CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
HWM inside/outside: _____
Control: Cleared of ice - flume

Remarks: 1353 1) 1.08 Stg 2) 2.83 WT 3) 0.0008 4) 3.57 (AT) 13.72 volts
First observed flow; Cleared flume of ice; No SC probe
GH of zero flow = GH _____ - depth at control _____ = _____ ft., rated _____
Ran levels

Sheet No. _____ of _____ sheets