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. 33
Comp. by AD J
Checked by G

Sta. No. _____
Sta. Name AIKEN 2) F 5
Date JAN 5 , 2002 Party JW, LT
Width 33.0 Area 10.90 Vel. 1.91 G.H. 6 Disch. 20.8
Method .6 No. secs. 20 G.H. change 0.0 in 0.5 hrs.
Method coef. 1.0 Horiz. angle coef. 1.0 Susp. ROD Tags checked _____
Meter Type PYGMY Meter No. _____ Meter _____ ft. above bottom of wt.
Rating used 6/99 Spin test before meas. 1 19" ; after OK.
Meas. plots _____ % diff. from rating no. _____ Indicated shift _____

GAGE READINGS						
Time	WT	WT(mV)	SC	Cond (mS)	Inside	Outside
1824	Start 9.1		107.6		2.57	1.53
1855	Finish 9.9		107.1		2.57	1.58
Weighted MGH						
GH correction						
Correct MGH						

Samples collected: water quality, sediment, biological, other _____
1900
Measurements documented on separate sheets: water quality, aux./base gage, other _____
Rain gage serviced/calibrated ____
Weather: _____
Air Temp. _____ °C at _____
Water Temp. _____ °C at _____
Check bar/chain found _____
Changed to _____ at _____
Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 30 ft., mi. upstr., downstr. of gage.
Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following conditions: Flow: steady & shallow, even flow lines
Cross section: fine gravel & silt (melted permafrost)

Gage operating: _____ Record Removed _____
Battery voltage: 13.27 Intake/Orifice cleaned/purged: _____
Bubble-gage pressure, psi: Tank 1800 , Line 10 ; Bubble-rate 55 /min.
Extreme-GH indicators: max _____ , min _____ .
CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
HWM inside/outside: _____
Control: weir - clear
Remarks: field cond: 78 micro S @ 9°C

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

Sheet No. _____ of _____ sheets