

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

Meas. No. 72
Comp. by EJB
Checked by _____

Sta. No. _____
Sta. Name F5-AIKEN
Date JAN 21, 2010 Party MJB
Width _____ Area _____ Vel. _____ G. H. _____ Disch. 0.12
Method BASEE No. secs. _____ G. H. change _____ in _____ hrs.
Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____
Meter Type Baske 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	WT	SC	BASEE	Inside	Outside
<u>14:15</u>	<u>7.79</u>	<u>140.64</u>	<u>0.17</u>	<u>1.181</u>	<u>0.19</u>
Start					
Finish					
Weighted MGH					
GH correction					
Correct MGH					

Samples collected: water quality,
sediment, biological, other _____

1.19 @ 14:15
Measurements documented on
separate sheets: water quality,
aux./base gage, other _____

Rain gage serviced/calibrated _____

Weather: SUNNY, CLEAR, WINDY

Air Temp. 4.0 °C at 14:10

Water Temp: 9.0 °C at 14:15

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 100 ft., mi upstr., downstr. of gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following

conditions: Flow: LOW BUT WELL DISTRIBUTED

Cross section: SAND/GRAVEL EVEN

Gage operating: YES Record Removed YES

Battery voltage: 13.4 Intake/Orifice cleaned/purged: NO

Bubble-gage pressure, psi: Tank 850, Line 12; Bubble-rate 54 /min.

Extreme-GH indicators: max _____, min _____

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

HWM inside/outside: _____

Control: FREE + CLEAR

DH=8.198
SC=133.8 μS
@ 18.9°C

Remarks: *5 TIME + DATE = OK

STORAGE MODULE SWAPPED, GAGE CLOSED FOR SEASON

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