9-275-F
(Apr. 93)

U.S. Department of the Interior
U.S. Geological Survey
Water Resources Division

Meas. No. 68

Comp. by SLD

DISCHARGE MEASUREMENT NOTES

Checked by SonAck

Sta. No. F5
Sta. Name Aiken Stream
Date Dec 15, 2009 Party SL Davidson
Width 16 Area 3,804 Vel. 0.146 G.H. ____ Disch. 0.556
Method 0.6 No. Sec. 24 G.H. Change ____ in ____ hrs. Susp. ____
Method coef. 1.0 Hor. angle coef. calc'd Susp. coef. 1.0 Meter No. P2151
Type of meter FlowTracker Date rated — Tag checked —
Meter — ft. above bottom of wt. Spin before meas. ADV ✓ after —
Meas. Plots ____ % diff from ____ rating. Levels obtained ____

GAGE READINGS						WATER QUALITY MEASUREMENTS
Time	Inside				Outside	No..... Yes. X ..... Time 2030
2028	1.25				0.36 +1.36	Samples Collected SC = 15 µS VT = 7.0 °C
						No..... Yes..... Time.. pH lab = 8.818 @ 12:05 (in lab)
						Method Used
						EDI..... EWI..... Other.....
						SEDIMENT SAMPLES
2117	1.32				0.36 +1.36	No..... Yes..... Time.....
						Method Used
						EDI..... EWI..... Other.....
Weighted MGH						BIOLOGICAL SAMPLES
GH correction						Yes..... Time.....
Correct MGH						No..... Type.....

Check bar, chain found — changed to — at —
Wading, cable, ice, boat, upstr., downstr., side bridge 50 feet, mile, above, below, gage.
Measurement rated excellent(2%), good(5%), fair(8%), poor(over 8%); based on following cond:
Flow slow - weighted to LEW
Cross section sand/gravel - fairly even
Control free & clear
Gage operating Yes Weather sunny/windy/cold
Intake/Orifice cleaned No Air 1.0 °C@ 2030 Water ____ °C@ ____
Record removed No Extreme Indicator: Max — Min —
N_2 Pressure Tank 1000 Feed 12 Bbl rate ____ per min. Batt volt ____
CSG checked ____ Stick reading ____
Observer ____
HWM ____ outside, in well ____
Remarks *6) ① 1.251 ② 6.951 ③ 248.92 ④ 13.669

G.H. of zero flow ft Sheet No. of sheets