9-275-F
(Apr. 93)

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

Meas. No. 98

Comp. by BAM

Checked by [illegible]

DISCHARGE MEASUREMENT NOTES

Sta. No. _____
Sta. Name Lawson Stream B3
Date Dec 17, 2009 Party BAM/SLD
Width 2.00 Area 0.750 Vel. 1.464 G.H. _____ Disch. 1.052
Method .6 No. Sec. 11 G.H. Change _____ in _____ hrs. Susp. Rod
Method coef. 1.0 Hor. angle coef. calc'd Susp. coef. 1.0 Meter No. P2157
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 No

GAGE READINGS					
Time	Inside		Tape Down		Outside
1706	6.94		1.15+.02	—	6.62
1715					
1728	6.929		1.16+.02	=	6.61
1720	6.930				
Weighted MGH					
GH correction					
Correct MGH					

WATER QUALITY MEASUREMENTS

No..... Yes..... Time 1705
Samples Collected mS = 15.5 LVT = 2.1 +C
No..... Yes..... Time.....
Method Used pH 6.6 = 7.655
EDI..... EWI..... Other Dip.....

SEDIMENT SAMPLES

No X Yes..... Time.....
Method Used
EDI..... EWI..... Other.....

BIOLOGICAL SAMPLES

Yes.....Time.....
No X Type.....

Check bar, chain found _____ changed to _____ at _____
Wading, cable, ice, boat, upstr., downstr., side bridge 15 feet, mile, above, below, gage.
Measurement rated excellent(2%), good(5%), fair(8%), poor(over 8%); based on following cond:
Flow well distributed
Cross section fairly even - cobble
Control rock + clc
Gage operating Yes Weather cldy/calm/cool
Intake/Orifice cleaned No Air 7.5 °C@ 1705 Water 3.0 °C@ 1705
Record removed No Extreme Indicator: Max _____ Min _____
N_2 Pressure Tank 1350 Feed 14 Bbl rate 40 per min. Batt volt _____
CSG checked _____ Stick reading _____
Observer #6 @ 1730 ① 6.93 ② -.999 ③ 0.00 ④ 13.14 ⑤ 26.0
HWM _____ outside, in well _____
Remarks Tank leak

processed @ 1945 12/18/09 RESC = 28.0 W7 = N.S

Sheet No. _____ of _____ sheets

G.H. of zero flow