9-275-F
(Apr. 93)

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

DISCHARGE MEASUREMENT NOTES

Meas. No. 93

Comp. by SLD

Checked by Sontek

Sta. No. F3
Sta. Name Lost Seal Stream
Date Dec 08, 2009 Party BAM / SLD
Width 8.8 Area 2.42 Vel. 1.34 G.H. _____ Disch. 3.22
Method 0.6 No. Sec. 25 G.H. Change _____ in _____ hrs. Susp. _____
Method coef. 1.0 Hor. angle coef. _____ Susp. coef. _____ Meter No. P2151
Type of meter Sontek Date rated — Tag checked _____
Meter _____ ft. above bottom of wt. Spin before meas. _____ after _____
Meas. Plots _____ % diff from _____ rating. Levels obtained _____

GAGE READINGS					
Time	Inside				Outside
1509	1.959				0.84
15:30	1.988				0.89
15:45	2.019				0.90
16:00	2.038				0.92
Weighted MGH					
GH correction					
Correct MGH					

1.84
1.89
1.9
1.92

WATER QUALITY MEASUREMENTS

No..... Yes.✓..... Time..15:10

Samples Collected SC = 32.4

No..... Yes.....Time..... pH = 7.593

Method Used @ 2010 12/9/09

EDI..... EWI..... Other.....

SEDIMENT SAMPLES

No..✓..... Yes..... Time.....

Method Used

EDI..... EWI..... Other.....

BIOLOGICAL SAMPLES

Yes.....Time.....

No..✓.....Type.....

Check bar, chain found _____ changed to _____ at _____
Wading, cable, ice, boat, upstr., downstr., side bridge 40 feet, mile, above, below, gage.
Measurement rated excellent(2%), good(5%), fair(8%), poor(over 8%); based on following cond:
Flow evenly distributed
Cross section gravel sand
Control leaks in sandbag wall
Gage operating yes ✓ Weather mostly sunny
Intake/Orifice cleaned no Air 9 °C@ 15:11 Water 10 °C@ 15:14
Record removed _____ Extreme Indicator: Max _____ Min _____
N_2 Pressure Tank 1900 Feed 14 Bbl rate 60 per min. Batt volt _____
CSG checked _____ Stick reading _____
Observer _____
HWM _____ outside,in well _____
Remarks ~~6 @ 1510~~ ① 1.9389 ② 10.294 ③ 9.10939 ④ 13.614 ~~⑤ 13.496~~
SAMPLE PROCESSED @ 2000 12/09/09

GH of zero flow _____ Sheet No. 8 of _____ sheets