

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

Sta. No. 133 Lawson

Meas. No. _____

Comp. by _____

Checked by _____

Date 12/29/07, 19 Party _____

Width _____ Area _____ Vel. _____ G. H. _____ Disch. 0.342 cfs

Method _____ No. secs. _____ G. H. change _____ in _____ hrs. Susp. _____

Method coef. _____ Hor. angle coef. _____ Susp. coef. _____ Meter No. _____

Type of meter port. flume Date rated _____ Tag checked _____

Meter _____ ft. above bottom of wt. Spin before meas. _____ after _____

Meas. plots _____ % diff. from _____ rating. Levels obtained _____

GAGE READINGS

Time	Flume	Inside	Outside
9:28		6.24	1.48
9:43	.90		
9:48		6.24	1.51

taped down

WATER QUALITY MEASUREMENTS

No _____ Yes ☒ Time 9:30

pH 8.50 Samples Collected Cond. 21.9

No _____ Yes ☒ Time _____

Method Used _____

EDI _____ EWI _____ Other _____

SEDIMENT SAMPLES

No _____ Yes _____ Time _____

Method Used _____

EDI _____ EWI _____ Other _____

BIOLOGICAL SAMPLES

Yes _____ Time _____

No _____ Type _____

Weighted M.G.H. _____

G.H. correction _____

Correct M.G.H. _____

Check bar. chain found _____ changed to _____ at _____

Wading, cable, ice, boat, upstr., downstr., side bridge 150 feet, mile, above, below gage.

Measurement rated excellent (2%) good (5%), fair (8%), poor (over 8%); based on the following cond:

Flow low and steady

Cross section small rocks, narrow

Control _____

Gage operating yes Weather overcast, calm breeze

Intake/Orifice cleaned _____ Air _____ °C@ _____ Water 1 °C@ 930

Record removed _____ Extreme Indicator: Max. _____ Min. _____

Nitrogen Pressure Tank 1250 psi Feed 10 psi Bbl rate 20 per min.

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well _____

Remarks *6 6.25

BY 13.38

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