

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

Meas. No. 56
 Comp. by JW
 Checked by _____
 file: lawson 010402

Sta. No. _____
 Sta. Name Lawson Cr at B3
 Date JAN 04, 2002 Party JW, LT
 Width 5.60 Area 0.84 Vel. 1.29 G.H. _____ Disch. 1.08
 Method 16 No. secs. 17 G.H. change _____ in _____ hrs.
 Method coef. 1.0 Horiz. angle coef. 1.0 Susp. ROD Tags checked _____
 Meter Type PYQNY Meter No. 8009223 Meter _____ ft. above bottom of wt.
 Rating used 6/99 Spin test before meas. 1'19"; after O.K.
 Meas. plots _____ % diff. from rating no. _____ Indicated shift _____

GAGE READINGS

Time				TD		
				06	Inside	Outside
1155				6.45	6.12	1.33
1209	Start					
1229	Finish					
1230				6.47	6.22	1.31
Weighted MGH						
GH correction						
Correct MGH						

Samples collected: water quality
 sediment, biological, other _____
 @ 1200
 Measurements documented on separate sheets: water quality, aux./base gage, other _____
 Rain gage serviced/calibrated _____
 Weather: cool, overcast, calm
 Air Temp. _____ °C at _____
 Water Temp. _____ °C at _____
 Check bar/chain found _____
 Changed to _____ at _____
 Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 15 ft, mi. upstr., downstr. of gage.
 Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following conditions:
 Flow: irregular - small angles within pools - very shallow
 Cross section: poorly fairly sorted cobble and gravel - fairly steep gradient
 Gage operating: yes Record Removed _____
 Battery voltage: _____ Intake/Orifice cleaned/purged: _____
 Bubble-gage pressure, psi: Tank 1600, Line 10; Bubble-rate 65 /min.
 Extreme-GH indicators: max _____, min _____
 CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
 HWM inside/outside: approx. 1.0' above current GH.
 Control: Weir - clear

Remarks: Orifice in sediment - cleared

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

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Date JAN 04, 2002

LT, JW

MISCELLANEOUS FIELD NOTES

LAWSON @ B3

- COOL, OVERCAST WEATHER
- CTR FRILLS OF SNOW, ICE, DEBRIS
- STREAM CHEM @ 12:00

*6 @ 11:55

OG

STG 6.12

1.33

✓ 1313.50

(MS)
COND 43.7 MS

(MS)
WT 3.4°C

*6 @ 12:30

OG

STG 6.22

1.31

✓

PRESS. 1600 PSI, 10 PSI