

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

Meas. No. _____

Comp. by Aguilera

Checked by _____
lost seal 01/2002

Sta. No. _____

Sta. Name LOST SEAL D F3

Date JAN 20, 2002 Party JDW, CJ, CT

Width 12.0 Area 5.22 Vel. 1.95 G.H. _____ Disch. 10.2

Method L No. secs. 24 G.H. change _____ in _____ hrs.

Method coef. 1.0 Horiz. angle coef. 1.0 Susp. (20) Tags checked _____

Meter Type Pyram Meter No. 8009228 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	C(m)	WT(m)	SC	WT	Inside	Outside
<u>1515</u>	<u>251.0</u>	<u>4.7</u>	<u>MA</u>	<u>4.52</u>	<u>1.29</u>	<u>0.35</u>
	Start					
<u>1600</u>					<u>1.27</u>	<u>.35</u>
Weighted MGH						
GH correction						
Correct MGH						

Samples collected: water quality, sediment, biological, other _____

Measurements documented on separate sheets: water quality, aux./base gage, other _____

Rain gage serviced/calibrated _____

Weather: cold-clear-sunny

Air Temp. _____ °C at _____

Water Temp. _____ °C at _____

Check bar/chain found _____

Changed to _____ at _____

Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 10 ft. mi. upstr., downstr. of gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (>8%); based on following conditions: Flow: Even across channel - very steady

Cross section: sand channel directly below gage - transt to gravel

Gage operating: YES - O.K. Record Removed _____

Battery voltage: 12.9 Intake/Orifice cleaned/purged: _____

Bubble-gage pressure, psi: Tank 1700, Line 10; Bubble-rate 65 /min.

Extreme-GH indicators: max _____, min _____

CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____

HWM inside/outside: shot approx. 20' d.s. gage (level notes)

Control: LF control washed out completely @ overflow. wtr needs rebuild O.G. no good. small amt flow thru flume (O.G.)

Remarks: SWAPPED LOGGER F3A FOR F3B

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