

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

Meas. No. G

Comp. by _____

Checked by _____

Sta. No. _____

Sta. Name F3 - Lost Seal

Date Dec 13, 2002 Party RDC

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

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

Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____

Meter Type _____ Meter No. _____ Meter _____ ft. above bottom of wt.

Rating used _____ Spin test before meas. _____; after _____

Meas. plots _____ % diff. from rating no. _____ Indicated shift _____

7-day
347

GAGE READINGS						Samples collected: <u>water quality</u> , sediment, biological, other _____
Time		Plume	Plume	Inside	Outside	
		<u>ft</u>	<u>95</u>			
18:04		<u>0.145</u>	<u>0.089</u>			Measurements documented on separate sheets: water quality, aux./base gage, other _____
	Start					
						Rain gage serviced/calibrated _____
						Weather: <u>clear, winds < 10 mph</u>
						Air Temp. <u>34 °F</u> at <u>18:05</u>
	Finish					Water Temp. <u>44 °F</u> at <u>18:25</u>
						Check bar/chain found _____
						Changed to _____ at _____
						Correct _____
Weighted MGH						
GH correction						
Correct MGH						

6.67

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

Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following

conditions: Flow: _____

Cross section: _____

Gage operating: _____ Record Removed _____

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

Bubble-gage pressure, psi: Tank _____, Line _____; Bubble-rate _____ /min.

Extreme-GH indicators: max _____, min _____

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

HWM inside/outside: _____

Control: _____

Remarks: Took out F3A starg module

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

F3 - Lost Seal Stn

12/13/02

KDC

Notes

- Flow is present
- Very braided
- 15:12 - weather - clear skies
winds < 10 mph

2 batteries
Has F3A string module
Empty N₂ tank
Has portable flume
Sandbags
Irrigation canals

.145 ft stage @ 18:04 - portable flume

18:05 AT = 34°F

18:25 WT = 44°F

Did portable flume measurmtg

Collected water samples

Took out F3A