Form 9-275F
(Apr. 2001)

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

DISCHARGE MEASUREMENT AND GAGE INSPECTION NOTES

Meas. No. 6

Comp. by _____

Checked by _____

Sta. No. _____

Sta. Name F3 - Lost Seal

Date Jan 20 ,20 03 Party JG, PS, EVM, EC

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 _____

GAGE READINGS						
Time					Inside	Outside
17:40					1.01	
	Start					
	Finish					
Weighted MGH						
GH correction						
Correct MGH						

N/O R&H

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

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

Rain gage serviced/calibrated _____

Weather: 100% - Stratus, wind = 15 mph forecast

Air Temp. _____ °C at _____

Water Temp. _____ °C at _____

Check bar/chain found _____

Changed to _____ at _____

Correct _____

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 1700 , Line 10 ; Bubble-rate 68 /min.

Extreme-GH indicators: max _____ , min _____ .

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

HWM inside/outside: _____

Control: did a lot more sandbagging - EC recollection

Remarks: _____

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

Sheet No. _____ of _____ sheets

1/20/03

AIKEN - No flow

McKNIGHT - No flow.

Lost Seal - No flow

finished rebldg Lost Seal

F3

Gauge: LostSeal

Date	4 - Jan - 2003		20 - Jan - 03	
time of visit (start & finish)	1300 13.51		13:00	
party	JG, PS, EVM		JG, PS, EVM, KDC	
cloud cover (%, type)	20% cumulos, cumulostratus		100 no Stratus	
wind (spd, dir)	5 mph from East		15+ mph from East	
air temp	~40°F		<0°C	
surveying?	N.		No	
photo? (#, which camera)	Yes		Yes	
to do items? (y/n)	Y - dam repair, check cond*			
which field notebook?	JG			
Flow measurements (times)			No FLOW	
condition of control, probes	ok!! but needs some work*			
method (meter, flume, visual)				
discharge (units)	1329			
outside stage (staff or top down)	0.34			
CR10 stage reading	1.34			
Inside Box				
CR10 Channels (times)	1330	1350	17:40	
ch 1 stage	1.34	1.34	1.01	
ch 3 water temp	9.1	9.5	2.0°C (not in water)	
88 conductivity	13.88	13.88	2.7 (not in water)	
4 battery voltage	13.47	13.4	12.86	
2 air temp	7.0	6.9	3.02°C	
c Year, Day, Time	2003, 04, 1341 @ 1340		✓	
settings o.k?	✓		✓	
*0?	✓			
N2 tank pressure (psi)	1900		1700	
N2 feed pressure (psi)	11		10	
purge?	flow ok.		NOT attempted	
bubble rate (per min)	60		68	
Stream Chemistry (times)			Yes (bout from here, puddle)	
water temp. (units)	9.8°C	9.5		
sp. cond. (units)	67.4	67.3* @ 9.5°C		
pH and temp of probe	5.0 @ 10.7°C			
instrument notes (i.e. cal. time)	Probe not calibrated			
water samples collected?	Yes			

probe in flume
ch87 looks
more like SC=