

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

Meas. No. _____

Comp. by CHWChecked by SDSta. No. F3Sta. Name Lost Sea StreamDate 12/3/2008, 20 Party CHW/SDWidth _____ Area _____ Vel. _____ G. H. _____ Disch. 0.072Method Cut throat 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						Samples collected: water quality, sediment, biological, other _____
Time				Inside	Outside	
1253				1.16	.17	C 1315
	Start					
1307				1.15	.17	Measurements documented on separate sheets: water quality, aux./base gage, other _____
1310				1.15		
				Cut throat = .13 @ 1300		Rain gage serviced/calibrated _____
	Finish					Weather: <u>Partly Cloudy / Windy</u>
						Air Temp. <u>-1.0 °C</u> at <u>1300</u>
						Water Temp. <u>6.0 °C</u> at <u>1306</u>
Weighted MGH				WT = 4.8		Check bar/chain found _____
GH correction				GH = 13.6		Changed to _____ at _____
Correct MGH				SL = 114.98		Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 25 ft., mi. upstr. downstr. of gage.

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

conditions: Flow: Laminar flowCross section: Gravel + evenGage operating: ☒ Record Removed NOBattery voltage: 13.30 Intake/Orifice cleaned/purged: ClearBubble-gage pressure, psi: Tank 1700, Line 14; Bubble-rate 60 /min.

Extreme-GH indicators: max _____, min _____

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

HWM inside/outside: _____

Control: Free + Clear - flumeRemarks: AG 1) 1.16 2) AT 3.6 3) WT 4.64 Battery 13.5 5) SC 92.7Moved SC into pool of water; Unburied WT Probe; First observed Flow

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

Rocks stuck in Probes and removed; Orifice was clear

Sheet No. _____ of _____ sheets