

U.S. DEPARTMENT OF THE INTERIOR
U.S. Geological Survey
WATER RESOURCES DIVISION
DISCHARGE MEASUREMENT NOTESSta. No. F3 Lost Sea

Meas. No. _____

Comp. by _____

Checked by _____

Date 1/18/2008, 19____ Party CHW
Width____ Area____ Vel.____ G. H.____ Disch. .027
Method____ No. secs.____ G. H. change____ in____ hrs. Susp.____
Method coef.____ Hor. angle coef.____ Susp. coef.____ Meter No.____
Type of meter Cut throat Date rated____ Tag checked____
Meter____ ft. above bottom of wt. Spin before meas.____ after____
Meas. plots____ % diff. from____ rating. Levels obtained____

GAGE READINGS				WATER QUALITY MEASUREMENTS			
Time	Inside		Outside	No	Yes	Time	
<u>16:00</u>	<u>1257</u>	<u>1.012</u>	<u>54</u>	<u>X</u>		<u>No probe</u>	
		<u>34.59</u>	<u>AS</u>			<u>Samples Collected</u>	
		<u>1.70</u>	<u>WT</u>	No	<u>X</u>	Time <u>13:05</u>	
		<u>13.80</u>	<u>BV</u>			Method Used	
		<u>43.85</u>	<u>SC</u>	EDI	EWI	Other <u>7.69</u>	
						Other <u>15.78</u>	
Flow <u>cut</u>				SEDIMENT SAMPLES			
<u>No flow over orifice or probes</u>				No	Yes	Time	
<u>Cut throat = .08</u>						Method Used	
				EDI	EWI	Other	
Weighted M.G.H.				BIOLOGICAL SAMPLES			
G.H. correction				Yes		Time	
Correct M.G.H.				No		Type	

Check bar. chain found____ changed to____ at____

Wading, cable, ice, boat, upstr., downstr., side bridge 56 feet mile, above, below gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:

Flow low + evenCross section sand + gravelControl No flow through flume, all through whole in control wallGage operating No flow through gage Weather CloudyIntake/Orifice cleaned yes Air____ °C@____ Water 3.8 °C@ 13.18Record removed No Extreme Indicator: Max.____ Min.____Nitrogen Pressure Tank 1600 Feed 16 Bbl rate 60 per min.

CSG checked____ Stick reading____

Observer____

HWM____ outside, in well

Remarks in Lab = 7.69 @ 15.78 covered inlower part of flume is about 1/2" of ice; No water or icein upper part of flume

G.H. of zero flow____ ft. Sheet No.____ of____ sheets