

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

Sta. No. F3 Lost Seal
340 Julian
Date 12/8/2008, 19 Party CHW ARB
Width _____ Area _____ Vel. _____ G. H. _____ Disch. 0.072 cfs
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	Cut throat	Outside		No	Yes	Time
<u>1303</u>	<u>1.12</u>						
<u>1306</u>			<u>0.13</u>		No	Yes <u>X</u>	Time <u>1313</u>
					Method Used		
<u>1311</u>		<u>0.13</u>			EDI	EWI	Other
<u>1321</u>	<u>1.10</u>		<u>0.10</u>		SEDIMENT SAMPLES		
					No	Yes	Time
					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 20 feet, mile, above, below gage.
Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:
Flow Braided
Cross section Sand + Pebbles
Control Some sediment in flume
Gage operating Yes Weather Sunny/Breezy
Intake/Orifice cleaned No Air 44.8°C @ 1302 Water 6.0°C @ 1316
Record removed No Extreme Indicator: Max. _____ Min. _____
Nitrogen Pressure Tank 1800 Feed 14 Bbl rate 60 per min.
CSG checked _____ Stick reading _____
Observer _____
HWM _____ outside, in well _____
Remarks 1) 1.12 sig 2) 4.94 AT 3) 6.36 WT 4) 13.53 BV
88) 97.33 SC
SC + Temp buried in sediment but removed
G.H. of zero flow _____ ft. Sheet No. _____ of _____ sheets