

U. S. DEPARTMENT OF THE INTERIOR  
Geological Survey

Form 9-276-D  
(Jan. 1988)

WATER RESOURCES DIVISION

Date 12.15, 19 95

MISCELLANEOUS FIELD NOTES

LOST SEAL STREAM @ F3

N<sub>2</sub> TIME OK

CR10 FIELD

STAGE 1.73

WT 6.3 5.7

SC 0.0 - 68.3

VOLTS 14.2

pH 6.9

Flume clear. Water just flowing over weir.

Small stone in SC probe outlet - cleaned + replaced.

New: WT 6.4  
SC 0.0

No. \_\_\_\_\_ of \_\_\_\_\_ sheets

9-275-G  
(Rev. 10-81)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

Meas. No. ....

Comp. by. ....

Sta. No. .... **DISCHARGE MEASUREMENT NOTES** Checked by .....

LOST SEAL @ F3

Date 12.15, 19 95 Party .....

Width 7.10 Area 1.52 Vel 0.866 G. H. 1.71 Disch. 1.32

Method 10 No. secs. 18 G. H. change -0.01 in 13 hrs. Susp. ....

Method coef. .... Hor. angle coef. 1.0 Susp. coef. .... Meter No. ....

Type of meter PYGMY Date rated ..... Tag checked .....

Meter ..... ft. above bottom of wt. Spin before meas.  after

Meas. plots. .... % diff. from. .... rating. Levels obtained. ....

GAGE READINGS

Time	Inside	ADR	Graphic	Outside
<u>12.42</u>	<u>1.72</u>			
<u>13.01</u>	<u>1.71</u>			
<u>12.52</u>				
Weighted M.G.H. ....				
G. H. correction .....				
Correct M.G.H. ....				

WATER QUALITY MEASUREMENTS

No	Yes	Time
Samples Collected		
No	Yes	Time
Method Used		
EDI	EWI	Other
SEDIMENT SAMPLES		
No	Yes	Time
Method Used		
EDI	EWI	Other
BIOLOGICAL SAMPLES		
Yes	Time	
No	Type	

Check bar. chain found ..... changed to ..... at .....  
Wading, cable, ice, boat, upstr., downstr., side bridge. 150 feet, mile, above, below gage.

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

Flow. .... smooth, non-turbulent

Cross section .....

Control .....

Gage operating ..... Weather .....

Intake/Orifice cleaned ..... Air ..... °C@ ..... Water ..... °C@ .....

Record removed ..... Extreme Indicator: Max. .... Min. ....

Manometer N<sub>2</sub> Pressure Tank ..... Feed ..... Bbl rate ..... per min.

CSG checked ..... Stick reading .....

Observer .....

HWM ..... outside, in well

Remarks .....

.....

.....

G.H. of zero flow ..... ft. Sheet No. .... of ..... sheets

Angle coef- ficient	Dist. from initial point	Width	Depth	Observa- tion depth	Rev- olu- tions	Time in sec- onds	VELOCITY		Adjusted for hor. angle or -----	Area	Discharge
							At point	Mean in ver- tical			
LEW	3.2		0		0	40					
	5.1		.20		18	40.0					.85
	5.4		.20		25	42.1					
	5.7		.25		42	41.4					
	6.0		.30		52	41.0					.90
	6.3		.30		49	40.4					.92
	6.6		.30		50	40.4					.94
	6.9		.30		49	41.0					
	7.2		.30		41	40.4					.96
	7.5		.30		35	40.4					.97
	7.8		.30		33	41.3					.98
	8.1		.30		37	44.3					.99
	8.4		.30		39	40.5					
	8.7		.30		37	41.1					
o	9.0		.30		31	41.3					1.00
	9.3		.25		28	41.4					
	9.6		.20		21	41.8					
REW	10.3		0		0	40					.99
											.98
											.97
											.96
											.94
											.92
											.90
											.85
											.80