

9-275-F  
(Apr. 93)

U.S. Department of the Interior  
U.S. Geological Survey

Meas. No. 20

Comp. by \_\_\_\_\_

Water Resources Division

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

Lyons Creek @ BH

Date 1/10/99 Party MG, AB

Width 2.2 ft. Area 1.01 ft. Vel. 1.35 f/s G.H. 6.20 Disch. 1.36 cfs

Method 0.6 No. Sec. 8 G.H. Change \_\_\_\_\_ in \_\_\_\_\_ hrs. Susp. \_\_\_\_\_

Method coef. \_\_\_\_\_ Hor. angle coef. \_\_\_\_\_ 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**

**WATER QUALITY MEASUREMENTS**

Time	Inside	WT	SC	TD	Outside
1215	6.91	0.75	489	3.81	6.19
1227				3.80	
1230	7.37				
1235				3.80	6.20

No. .... Yes...... Time.....  
**Samples Collected**  
 No...... Yes..... Time.....  
**Method Used**  
 EDI..... EWI..... Other.....

**SEDIMENT SAMPLES**  
 No...... Yes..... Time.....  
**Method Used**  
 EDI..... EWI..... Other.....

Weighted MGH \_\_\_\_\_  
 GH correction \_\_\_\_\_  
 Correct MGH \_\_\_\_\_

**BIOLOGICAL SAMPLES**  
 Yes..... Time.....  
 No...... Type.....

Check bar, chain found \_\_\_\_\_ changed to \_\_\_\_\_ at \_\_\_\_\_

Wading cable, ice, boat, upstr., downstr., side bridge 5 feet, mile, above, below, gage.

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

Flow \_\_\_\_\_

Cross section \_\_\_\_\_

Control Non-existent (natural?)

Gage operating OK Weather warm, sunny

Intake/Orifice cleaned \_\_\_\_\_ Air \_\_\_\_\_ °C@ \_\_\_\_\_ Water \_\_\_\_\_ °C@ \_\_\_\_\_

Record removed \_\_\_\_\_ Extreme Indicator: Max \_\_\_\_\_ Min \_\_\_\_\_

N<sub>2</sub> Pressure Tank 1500 Feed 10 Bbl rate 60 per min. Batt volt 13.96V

CSG checked \_\_\_\_\_ Stick reading \_\_\_\_\_

Observer \_\_\_\_\_

HWM \_\_\_\_\_ outside, in well \_\_\_\_\_

Remarks field WT = 1.25 SC = 440

Note: IG reading jumping around even @ 10 sec. scan rate

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

