

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

Water Resources Division

Sta. No. F9 **DISCHARGE MEASUREMENT NOTES** Checked by \_\_\_\_\_  
GREEN CREEK

Date Dec 26, 2001 Party CJ, LT  
Width 2.8 Area 1.36 Vel. \_\_\_\_\_ G.H. \_\_\_\_\_ Disch. 3.49  
Method wading No. Sec. \_\_\_\_\_ 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**

TD

**WATER QUALITY MEASUREMENTS**

Time	Inside	WT	SC	Temp (m)	Outside
1205	4.2	7.3	38.4	19.0	0.42
1221	4.2	7.4	39.04		0.44

No..... Yes..... Time.....  
Samples Collected  
No..... Yes..... Time 1700  
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 \_\_\_\_\_ feet, mile, above, below, gage.  
Measurement rated excellent(2%), good(5%), fair(8%), poor(over 8%); based on following cond:  
Flow \_\_\_\_\_  
Cross section \_\_\_\_\_  
Control \_\_\_\_\_  
Gage operating \_\_\_\_\_ Weather \_\_\_\_\_  
Intake/Orifice cleaned \_\_\_\_\_ Air \_\_\_\_\_ °C@ \_\_\_\_\_ Water 7.2 (w) °C@ \_\_\_\_\_  
Record removed \_\_\_\_\_ Extreme Indicator: Max \_\_\_\_\_ Min \_\_\_\_\_  
N<sub>2</sub> Pressure Tank 1700 Feed 10 Bbl rate \_\_\_\_\_ per min. Batt volt 13.9  
CSG checked \_\_\_\_\_ Stick reading \_\_\_\_\_  
Observer \_\_\_\_\_  
HWM \_\_\_\_\_ outside, in well \_\_\_\_\_  
Remarks w Temp: 7.2, Cm: 19.0



River at-

.80

.85

.90

.94

.97

.98

.99

1.0

.99

.98

.97

.94

.90

.85

.80

Angle coef- ficient	Dist. from initial point	Width	Depth	Observa- tion depth	Rev- olu-tions	Time in seconds	VELOCITY		Adjusted for hor- angle or —	Area	Discharge
							At point	Mean in ver- tical			
	LEW @ 1.5		@ 1.05								
	2.00		0.60		85	40					
	2.30		0.65		88	40					
	2.60		0.65		91	40					
	2.90		0.65		119	40					
	3.30		0.55		154	40					
	3.60		0.55		119	40					
	3.90		0.40		70	40					
	REW @ 4.3										
			12.21								3.49
	95% of flow MEASURED FOR THE RECORD										