

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

6

Meas. No. \_\_\_\_\_

DISCHARGE MEASUREMENT AND  
GAGE INSPECTION NOTES

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

Checked by \_\_\_\_\_

Sta. No. Upper Vinton Gage

Sta. Name \_\_\_\_\_

Date DEC 28, 2001 Party CJ UT, JW

Width 12.0 Area 1.93 Vel. 1.92 G.H. \_\_\_\_\_ Disch. 3.71

Method .6 No. secs. 19 G.H. change \_\_\_\_\_ in \_\_\_\_\_ hrs.

Method coef. 1.0 Horiz. angle coef. 1.0 Susp. 250 Tags checked \_\_\_\_\_

Meter Type pygmy Meter No. 809223 Meter \_\_\_\_\_ ft. above bottom of wt.

Rating used 6/89 Spin test before meas. 1'19"; after O.K.

Meas. plots \_\_\_\_\_ % diff. from rating no. \_\_\_\_\_ Indicated shift \_\_\_\_\_

GAGE READINGS

Time	COND	G.P.D. (ms)	WT	WT (ms)	Inside	Outside
1630	43.42	66.5	6.1	9.6	1.43	1.52
1745	43.82		6.5		1.71	1.52
1713	Start					
1746	Finish					

Samples collected: water quality, sediment, biological, other \_\_\_\_\_  
\_\_\_\_\_ 16:30

Measurements documented on separate sheets: water quality, aux./base gage, other \_\_\_\_\_

Rain gage serviced/calibrated \_\_\_\_\_

Weather: Clear, sunny, warm

Air Temp. \_\_\_\_\_ °C at \_\_\_\_\_

Water Temp. \_\_\_\_\_ °C at \_\_\_\_\_

Check bar/chain found \_\_\_\_\_

Changed to \_\_\_\_\_ at \_\_\_\_\_

Correct \_\_\_\_\_

Wading, cable, ice, boat, upstr., downstr., side bridge, \_\_\_\_\_ ft., mi. upstr., downstr. of gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following conditions: Flow: \_\_\_\_\_

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

Gage operating: \_\_\_\_\_ Record Removed \_\_\_\_\_

Battery voltage: 13.63 Intake/Orifice cleaned/purged: \_\_\_\_\_

Bubble-gage pressure, psi: Tank 900, Line 10; Bubble-rate 55 /min.

Extreme-GH indicators: max \_\_\_\_\_, min \_\_\_\_\_

CSG checked: \_\_\_\_\_ HWM height on stick \_\_\_\_\_ Ref. elev. \_\_\_\_\_ HWM elev. \_\_\_\_\_

HWM inside/outside: \_\_\_\_\_

Control: \_\_\_\_\_

Remarks: \_\_\_\_\_

GH of zero flow = GH \_\_\_\_\_ - depth at control \_\_\_\_\_ = \_\_\_\_\_ ft., rated \_\_\_\_\_