

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYMeas. No. H20

WATER RESOURCES DIVISION

Comp. by.

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

Vestal Stream - site H2Date 1-15, 1994 Party L+H-SBWidth 2.70 Area 0.638 Vel. 0.517 G. H. 1.32 Disch. 0.35Method G No. secs. 10 G. H. change -0.03 in 1/2 hrs. Susp.Method coef. Hor. angle coef. 1.0 Susp. coef. Meter No.Type of meter pygmy Date rated Tag checkedMeter ft. above bottom of wt. Spin before meas. ✓ after ✓Meas. plots. % diff. from. rating. Levels obtained. no

GAGE READINGS

Time	Inside	ADR	Graphic	Outside
<u>1525</u>	<u>1.33</u>			<u>1.34</u>
<u>1552</u>	<u>1.30</u>			<u>1.31</u>

WATER QUALITY MEASUREMENTS

No Yes. ✓ Time

Samples Collected

No Yes. ✓ Time

Method Used

EDI EDI Other. ✓

SEDIMENT SAMPLES

No ✓ Yes. Time

Method Used

EDI EDI Other.

BIOLOGICAL SAMPLES

Yes. Time

No ✓ Type

Weighted M.G.H.

G. H. correction

Correct M.G.H.

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. unsteady - laminarCross section Gravel - uniformControl Flume - no leaks in wallGage operating yes Weather L. clouds - L. windIntake/Orifice cleaned yes Air °C@ Water 0.5 °C@Record removed yes Extreme Indicator: Max. Min.Manometer N₂ Pressure Tank 1500 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

River at—

[illegible]