

9-275-F
(Apr. 93)

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

59
Meas. No.

Comp. by LFS

WATER RESOURCES DIVISION

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

Priscu CHW
Date 12/8/96 Party 1.33

Width 10.5 Area 2.40 Vel. 1.38 G.H. Disch. 3.31

Method 6 No. secs. 24 G.H. change 0 in 1.2 hrs. Susp. red

Method coef. 1.0 Hor. angle coef. 1.0 Susp. coef. Meter No. P90248

Type of meter phary Date rated 06/99 Tag checked

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

Meas. Plots % diff. from rating. Levels obtained no

GAGE READINGS					WATER QUALITY MEASUREMENTS		
Time	Inside			Outside	No	Yes	Time
<u>0955</u>	<u>5.04</u>			<u>0.79</u>		<u>Yes</u>	<u>100.5</u>
					<u>Samples Collected</u> <u>PH 7.23</u>		
<u>1025</u>	<u>1.71</u>			<u>0.77</u>	No	Yes	Time
					<u>Method Used</u>		
					EDI	EWI	Other
<u>11:05</u>	<u>1.75</u>			<u>0.79</u>	<u>SEDIMENT SAMPLES</u>		
					No	Yes	Time
					<u>Method Used</u>		
					EDI	EWI	Other
Weighted M.G.H.					<u>BIOLOGICAL SAMPLES</u>		
G.H. correction					Yes	Time	
Correct M.G.H.					No	Type	

Check bar. chain found changed to at

Wading, cable, ice, boat, upstr., downstr., side bridge 100 feet/mile, above, below gage.

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

Flow uniform, swift

Cross section mostly sand, small gravel

Control operating, through high H₂O is going through weir (see below)

Gage operating Weather Sunny, moderate E-19 breeze

Intake/Orifice cleaned Air °C@ Water 54 °C@

Record removed Extreme Indicator: Max. Min.

Manometer N₂ Pressure Tank 1800 Feed 10 Bbl rate per min.

CSG checked Stick reading

Observer

HWM outside, in well

Remarks * orifice line broken - we cut off near flume & installed

temp. orifice tied to rock at flume entrance. Need

to splice back when thawed. Also, flow bracketing

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

weir @ LS of flume - now acting as a notch. Need

to repair at a lower flow, get new rating.

River at—

REV
105