

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Meas. No.

Comp. by.

WATER RESOURCES DIVISION

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

HENOLEY CR @ BZ

Date 12-11, 19 95 Party JS + AL

Width 8.8 Area 1.83 Vel. 1.766 G.H. 1.86 Disch. 3.24

Method 0.6 No. secs. 26 G.H. change 0.15 in 1/2 hrs. Susp.

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

Type of meter Pymy 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	ADR	Graphic	Outside
<u>13:19</u>				<u>1.79</u>
<u>13:48</u>				<u>1.94</u>

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

SEDIMENT SAMPLES

No. Yes. Time
Method Used
EDI EWI Other.

Weighted M.G.H.
G. H. correction 1334
Correct M.G.H.

BIOLOGICAL SAMPLES

Yes. Time
No. Type

Check bar. chain found changed to at

Wading, cable, ice, boat, upstr., downstr., side bridge. 40 feet mile, above, below gage

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

Flow SMOOTH UNIFORM TURBULENT

Cross section SMOOTH UNIFORM

Control

Gage operating Weather

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

Record removed Extreme Indicator: Max. Min.

Manometer N₂ Pressure Tank Feed Bbl rate per min.

CSG checked Stick reading

Observer

HWM outside, in well

Remarks

PZF = 0.37 @ 13:48
(R.S.)

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

River at—

Angle coef- ficient	Dist. from initial point	Width	Depth	Observ- tion depth	Rev- olu- tions	Time in sec- onds	VELOCITY		Adjusted for hor. angle or -----	Area	Discharge
							At point	Mean in ver- tical			
				.6							
LEW 13:20	0.8		0		18.5	41					
	2.0		0.15		37	41					
	2.3		0.20		46	42					
	2.6		0.20	7	38	41					
	2.9		0.20		56	41					
	3.2		0.20		52	41					
	3.5		0.25		60	40					
	3.8		0.20		58	40					
	4.1		0.20		54	40					
	4.4		0.20		59	41					
	4.7		0.25		84	41					
	5.0		0.25		85	41					
	5.3		0.25		41	20					
o	5.6		0.30		41	20					
	5.9		0.30		43	20					
	6.2		0.20		42	20					
	6.5		0.20		45	21					
	6.8		0.25		46	20					
	7.1		0.25		49	21					
	7.4		0.30		49	21					
	7.7		0.30		43	20					
	8.0		0.30		45	20					
	8.3		0.30		53	20					
	8.6		0.30		31	20					
	8.9		0.20		17	20					
REW 13:47	9.6		0		8.5	20					