

**U.S. DEPARTMENT OF THE INTERIOR**  
**U.S. Geological Survey**  
WATER RESOURCES DIVISION  
**DISCHARGE MEASUREMENT AND**  
**GAGE INSPECTION NOTES**

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

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

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

Sta. No. \_\_\_\_\_ *inside/out fr. Bohner.*

Sta. Name Prisch Stream

Date 10 Dec, 20 12 Party ANW, TK

Width 7.4 Area 2.0 Vel. 1.26 G. H. \_\_\_\_\_ Disch. 2.52 cfs

Method pygmy No. secs. \_\_\_\_\_ G. H. change \_\_\_\_\_ in \_\_\_\_\_ hrs.

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

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

Rating used \_\_\_\_\_ Spin test before meas. \_\_\_\_\_ ; after \_\_\_\_\_

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

GAGE READINGS <i>fr. Bohner</i>					
Time				Inside	Outside
<u>1236</u>				<u>1.299</u>	<u>0.71</u>
				<u>TD = 3.31'</u>	
<u>1251</u>	Start				
<u>1317</u>	Finish				
<u>1325</u>				<u>1.208</u>	<u>0.71</u>
	Weighted MGH				
	GH correction			<u>TD = 3.31'</u>	
	Correct MGH				

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

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

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

Weather: \_\_\_\_\_

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: Upstream of Bohner tributary

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

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

Bubble-gage pressure, psi: Tank \_\_\_\_\_, Line \_\_\_\_\_; Bubble-rate \_\_\_\_\_ /min

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

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

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

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

Remarks: Prisch @ measured VS and DS of Bohner trib. Bohner @ interfered by diff.

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

10%





.0 .10 .20 .30 .40 .50 .60 .70 .75  
River at -

ANGLE COEF. FICIENT	DIST. FROM INITIAL POINT	WIDTH	DEPTH	OBSERVATION DEPTH	REVO-LUTIONS	TIME IN SEC-ONDS	VELOCITY		ADJUSTED FOR HOR. ANGLE OR .....	AREA	DISCHARGE .80
							AT POINT	MEAN INVER-TICAL			
		LEW		@	1251						
	4.0	0	0		0	46					.85
	4.6	0.6	0.2		29	40					
	4.8	0.2	0.24		21	40					.90
	5.0	0.2	0.25		29	40					.92
	5.2	0.2	0.35		38	40					.94
	5.4	0.2	0.36		49	40					.96
	5.6	0.2	0.4		71	40					.97
	5.8	0.2	0.45		62	40					.98
	6.0	0.2	0.45		79	40					.99
	6.2	0.2	0.4		73	40					.99
	6.4	0.2	0.4		69	40					1.00
	6.6	0.2	0.35		70	40					
	6.8	0.2	0.35		76	40					
⊙	7.0	0.2	0.3		59	40					
	7.2	0.2	0.35		79	40					
	7.4	0.2	0.35		54	40					.99
	7.8	0.4	0.3		20	40					.98
	8.2	0.4	0.3		57	40					.97
	8.6	0.4	0.25		34	40					.96
	9.0	0.4	0.22		54	40					.94
	9.4	0.4	0.25		36	40					.92
	9.8	0.4	0.2		16	40					.90
	10.2	0.4	0.15		24	40					
	11	0.6	0		0						
		REW		@	1317						.85
											.80

10%

