

**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. B5  
Sta. Name Bohner @ 1226  
Date 2 Dec, 20 13 Party AS, SC, AM  
Width \_\_\_\_\_ Area \_\_\_\_\_ Vel. \_\_\_\_\_ G. H. \_\_\_\_\_ Disch. \_\_\_\_\_  
Method baski No. secs. 3 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**

Time				Inside	Outside
<u>1220</u>			<u>Stage</u>	<u>3.73</u>	<u>3.1 (TD)</u>
	<u>Start</u>		<u>WT</u>	<u>0.07</u>	<u>0.3</u>
			<u>SC</u>	<u>175.8</u>	<u>161.8</u>
					<u>(Not wt)</u>
					<u>(215)</u>
			<u>3 2 measurements</u>		
			<u>1209 R channel</u>	<u>0.15</u>	<u>good</u>
	<u>Finish</u>		<u>1218 A1 d chan</u>	<u>0.3</u>	<u>back</u>
			<u>1222 L channel</u>	<u>miss 20%</u>	
				<u>0.035</u>	<u>good</u>
Weighted MGH					
GH correction					
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: cloudy 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: \_\_\_\_\_ Intake/Orifice cleaned/purged: \_\_\_\_\_

Bubble-gage pressure, psi: Tank 1000, Line \_\_\_\_\_; Bubble-rate \_\_\_\_\_ /min.

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

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

HWM inside/outside: \_\_\_\_\_ HWM elev. \_\_\_\_\_

Control: N2 low, replaced @ 1133... @ 800 pH @ 7:10 PM 3 Dec 13  
" 6.87

Remarks: \*6 @ 1229 1) 3.73 2) 0.74 3) 175.8 4) 2.96 5) 13.5  
\*6 @ 1218 increment 1) 3.76 2) 0.243 3) 174.9 4) 3.37 5) 13.5  
of zero flow = GH \_\_\_\_\_ - depth at control \_\_\_\_\_ = \_\_\_\_\_ ft., rated \_\_\_\_\_