

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

Meas. No. G  
Comp. by \_\_\_\_\_  
Checked by \_\_\_\_\_

I-day  
360

Sta. No. \_\_\_\_\_  
Sta. Name H2-HOUSE  
Date DEC 26, 2002 Party JG @ 11:50  
Width \_\_\_\_\_ Area \_\_\_\_\_ Vel. \_\_\_\_\_ G.H. \_\_\_\_\_ Disch. \_\_\_\_\_  
Method \_\_\_\_\_ 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					
Time			OG	Inside	Outside
			<u>06</u>		
			<u>0111M</u>		
<u>???</u>			<u>1.16</u>		<u>0.16</u>
	Start				
<u>YES FLOW</u>					
	Finish				
Weighted MGH					
GH correction					
Correct MGH					

Samples collected: water quality, @ 11:50  
sediment, biological, other \_\_\_\_\_  
Measurements documented on separate sheets: water quality, aux./base gage, other \_\_\_\_\_  
Rain gage serviced/calibrated \_\_\_\_\_  
Weather: 60° CC - cumulus, cirrus; wind < 10 mph  
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: unsuccessful → orifice line is frozen  
Bubble-gage pressure, psi: Tank 1500, Line 5; Bubble-rate \_\_\_\_\_ /min.  
Extreme-GH indicators: max \_\_\_\_\_, min \_\_\_\_\_  
CSG checked: \_\_\_\_\_ HWM height on stick \_\_\_\_\_ Ref. elev. \_\_\_\_\_ HWM elev. \_\_\_\_\_  
HWM inside/outside: \_\_\_\_\_  
Control: \_\_\_\_\_

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

Sheet No. \_\_\_\_\_ of \_\_\_\_\_ sheets

BAD STG  
RDGS

→ frozen orifice line ⊕ about 1/2 flow not going through weir

AR 26 Dec 2002

HOUSE CR - JG

11:50 - water samples & pH taken

pH = 6.95 @ 11.50

WX CC: 60% = cumulus 3 cumus

wind < 10 mph

Flow - present

about 1/2 is escaping under dam &  
not going through the weir  
stage in weir = 0.16 A

did not have cond. meter or crd keypad

tank pressure 1500 1/2

\* did not purge - maybe still frozen  
flow  $\rightarrow$   $\leq 5$  L/sec