

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

Sta. No. \_\_\_\_\_ House Creek Meas. No. 61  
Comp. by \_\_\_\_\_  
Checked by CHW

Date 12/10/06, 19 \_\_\_\_\_ Party ESG, LFS  
Width 5.1 Area .56 Vel. .32 G. H. \_\_\_\_\_ Disch. .18  
Method \_\_\_\_\_ No. secs. \_\_\_\_\_ G. H. change \_\_\_\_\_ in \_\_\_\_\_ hrs. Susp. \_\_\_\_\_  
Method coef. \_\_\_\_\_ Hor. angle coef. \_\_\_\_\_ Susp. coef. \_\_\_\_\_ Meter No. \_\_\_\_\_  
Type of meter pygmy Date rated \_\_\_\_\_ Tag checked \_\_\_\_\_  
Meter \_\_\_\_\_ ft. above bottom of wt. Spin before meas. OK after OK  
Meas. plots \_\_\_\_\_ % diff. from \_\_\_\_\_ rating. Levels obtained \_\_\_\_\_

GAGE READINGS					WATER QUALITY MEASUREMENTS		
Time		Inside		Outside	No	<u>Yes</u>	Time <u>1505</u>
<u>1340</u>		<u>1.180</u>		<u>0.135</u>	<u>pH=7.49</u>	<u>Samples Collected</u> <u>T=0.07°C</u>	
<u>1345</u>			<u>1.135</u>		<u>C=22.45</u>		
<u>1400</u>					No <u>1</u>	<u>Yes</u>	Time <u>1510</u>
<u>1415</u>					<u>sc=</u>	<u>Method Used</u>	
<u>1440</u>		<u>1.170</u>	<u>1.120</u>	<u>0.120</u>	EDI <u>41.98</u>	EWI _____	Other _____
					SEDIMENT SAMPLES		
					No _____	Yes _____	Time _____
					<u>Method Used</u>		
<u>1515</u>		<u>1.170</u>	<u>1.1</u>	<u>0.10</u>	EDI _____	EWI _____	Other _____
					BIOLOGICAL SAMPLES		
Weighted M.G.H.					<u>Yes</u>	<u>by LFS</u>	Time _____
G.H. correction					No _____	Type _____	
Correct M.G.H.							

Check bar. chain found \_\_\_\_\_ changed to \_\_\_\_\_ at \_\_\_\_\_  
Wading cable, ice, boat, upstr., downstr., side bridge 50 feet mile, above, below gage.  
Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:  
Flow center slow + shallow  
Cross section gravelly + sand, upstream wind  
Control clear  
Gage operating yes Weather clear, breezy  
Intake/Orifice cleaned \_\_\_\_\_ Air \_\_\_\_\_ °C@ \_\_\_\_\_ Water \_\_\_\_\_ °C@ \_\_\_\_\_  
Record removed no Extreme Indicator: Max. \_\_\_\_\_ Min. \_\_\_\_\_  
Nitrogen Pressure Tank 800 Feed 13 Bbl rate \_\_\_\_\_ per min.  
CSG checked \_\_\_\_\_ Stick reading \_\_\_\_\_  
Observer \_\_\_\_\_  
HWM \_\_\_\_\_ outside, in well \_\_\_\_\_  
Remarks \_\_\_\_\_



River at—

[illegible]