

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. \_\_\_\_\_

Sta. Name Prisco Stream

Date 1-9, 20 11 Party GBR C&T

Width \_\_\_\_\_ Area \_\_\_\_\_ Vel. \_\_\_\_\_ G. H. \_\_\_\_\_ Disch. 0.285

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

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

Meter Type Baski 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>1340</u>			<u>1.84</u>	<u>0.025</u>
		<u>WT</u>	<u>6.72</u>	<u>6.60</u>
	<u>Start</u>	<u>SC</u>	<u>160</u>	<u>103</u>
		<u>AT</u>	<u>3.80</u>	
<u>1350</u>	<u>Baski meas</u>			
<u>1356</u>			<u>1.82</u>	<u>0.025</u>
	<u>Finish</u>			
	<u>Weighted MGH</u>	<u>pH: 5.42</u>		
	<u>GH correction</u>			
	<u>Correct MGH</u>			

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: 0.26 = GH Baski @ 1353 = 0.285 Q

Cross section: \_\_\_\_\_

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

Battery voltage: 13.7 Intake/Orifice cleaned/purged: \_\_\_\_\_

Bubble-gage pressure, psi: Tank 600, Line 9; Bubble-rate 40 /min.

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

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

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

Control: clear, flow in flume only

Remarks: need new solar panel eventually, 1.74 - 1.86

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



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Form 9-275-D  
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WATER RESOURCES DIVISION

Date 1-8-11

MISCELLANEOUS FIELD NOTES

Pribeu Stream CBR 1.77 - 1.86

Inside stage is acting odd in that it seems to be steadily climbing up to about a 0.10 in about 3 min before dropping back to original height. Without good outside staff (off level), its hard to call a G.H. This seems to have been happening last visit as well. One possible reason for this could be that since the flume is tipped up on the upstream side, the orifice<sup>ent</sup> (which is through a hole in the front of the flume) is no longer the low point of the line and water has collected in the low spot of the line. This might explain the increasing pressure and then the sudden drop as the air forces its way past the low spot every few minutes. Its had to find a consistant climb and fall over a certain amount of time, however.

Found orifice under rock. End was not secure. Assume all data this year is bad.

No. 2 of 2 sheets