

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

Meas. No. \_\_\_\_\_  
Comp. by DC  
Checked by ANW

Sta. No. \_\_\_\_\_  
Sta. Name Prisco, Downstream of Bohner  
Date 29 Dec, 20 12 Party DC, TK, JD, ANW  
Width 13.2 Area 2.531 Vel. 1.64 G. H. — Disch. 4.5  
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 w  
Rating used \_\_\_\_\_ Spin test before meas. \_\_\_\_\_; after \_\_\_\_\_  
Meas. plots \_\_\_\_\_ % diff. from rating no. \_\_\_\_\_ Indicated shift \_\_\_\_\_

GAGE READINGS					
Time				Inside	Outside
	NOTE offset changed today @ Bohner!				
1300	Start				
1313				0.86	0.85
1345	Finish				
1350				0.86	0.85
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: \_\_\_\_\_

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 \_\_\_\_\_, Line \_\_\_\_\_; Bubble-rate \_\_\_\_\_ /m

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

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

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

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

Remarks: Downstream of Bohner trib

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

SITE VISIT NOTES

Prisco Stream

29 December 2012

WQ sampled @ 1325  
SC<sub>m</sub> = 48.8 μS/cm  
T<sub>m</sub> = 8.8 °C

- US Prisco Q meas by T/K w/ Pygmy  
Q = 2.96 cfs

- DS Prisco Q meas by DC w/ Flow Tracker.  
~ start: 1300 Q = 4.15 cfs  
~ END: 1345

- see Q notes for details and Bohner notes  
for start/END inside/out.

3.10  
- 0.15  
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2.95  
- 0.10  
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2.85