

# 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. F3 Lost Seal @ 1420

Sta. Name \_\_\_\_\_  
Date 12 Jan, 20 11 Party SWC CBR  
Width \_\_\_\_\_ Area \_\_\_\_\_ Vel. \_\_\_\_\_ G. H. \_\_\_\_\_ Disch. 0.027  
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			Inside	Outside
		<u>stg</u>	<u>1420</u>	<u>1.05</u> <u>0.05</u>
		<u>WT</u>	<u>1420</u>	<u>4.3</u> <u>4.7</u>
	<u>Start</u>	<u>SC</u>	<u>1420</u>	<u>103</u> <u>97</u>
		<u>stg.</u>	<u>1423</u>	<u>1.05</u> <u>0.05</u>
		<u>Baski stg</u>	<u>1423</u>	<u>0.07</u>
		<u>pH: 7.54</u>		
	<u>Finish</u>			

Samples collected: water quality, sediment, biological, other NO  
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: laminar thru flume  
Cross section : \_\_\_\_\_

Gage operating: \_\_\_\_\_ Record Removed \_\_\_\_\_  
Battery voltage: \_\_\_\_\_ Intake/Orifice cleaned/purged: \_\_\_\_\_  
Bubble-gage pressure, psi: Tank 1470, Line 10; Bubble-rate 30 /min.  
Extreme-GH indicators: max \_\_\_\_\_, min \_\_\_\_\_  
CSG checked: \_\_\_\_\_ HWM height on stick \_\_\_\_\_ Ref. elev. \_\_\_\_\_ HWM elev. \_\_\_\_\_

HWM inside/outside: \_\_\_\_\_  
Control: ice build up SC probe out of water + full of ice. Orifice slightly out of water.

Remarks: \*6 @ 1) 1.05 2) 4.28 3) -1.7 4) 4.5 5) 13.6  
ran closing levels

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