

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

Meas. No. 77  
 Comp. by AOV  
 Checked by \_\_\_\_\_

Sta. No. \_\_\_\_\_  
 Sta. Name F6 Von Guesart  
 Date Jan. 12, 2010 Party EJBlajszczak  
 Width \_\_\_\_\_ Area \_\_\_\_\_ Vel. \_\_\_\_\_ G. H. \_\_\_\_\_ Disch. 1.61  
 Method \_\_\_\_\_ No. secs. \_\_\_\_\_ G. H. change \_\_\_\_\_ in \_\_\_\_\_ hrs.  
 Method coef. \_\_\_\_\_ Horiz. angle coef. \_\_\_\_\_ Susp. \_\_\_\_\_ Tags checked \_\_\_\_\_  
 Meter Type AOV 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		Atemp	SC	Wtemp	Inside	Outside
2305		3.20	56.9	3.20	1.34	-1.85
2305	Start					
2330	Finish					
2335						
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: Fairly Uniform  
 Cross section: Sand/Gravel

Gage operating: OK Record Removed \_\_\_\_\_  
 Battery voltage: 13.7 Intake/Orifice cleaned/purged: \_\_\_\_\_  
 Bubble-gage pressure, psi: Tank 1400, Line 14; Bubble-rate \_\_\_\_\_ /min.  
 Extreme-GH indicators: max \_\_\_\_\_, min \_\_\_\_\_  
 CSG checked: \_\_\_\_\_ HWM height on stick \_\_\_\_\_ Ref. elev. \_\_\_\_\_ HWM elev. \_\_\_\_\_  
 HWM inside/outside: \_\_\_\_\_  
 Control: Clear -> Flow starting over LE weir

Remarks: 1: 1.23, 2.47, 3: 56.2, 4: 2.16, 5: 13.7  
(2335)  
 GH of zero flow = GH \_\_\_\_\_ - depth at control \_\_\_\_\_ = \_\_\_\_\_ ft., rated \_\_\_\_\_