

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. B5 Bohner
Sta. Name A 1040
Date 16 Dec, 20 13 Party AS, AM, SWC
Width _____ Area _____ Vel. _____ (See previous notes)
Method _____ No. secs. _____ G. H. _____ Disch. 0.438
Method coef. _____ Horiz. angle coef. _____ G. H. change _____ in _____ hrs.
Meter Type Baski Meter No. _____ Susp. _____ Tags checked _____
Rating used _____ Spin test before meas. _____ ft. above bottom of wt.
Meas. plots _____ % diff. from rating no. _____ ; after _____
Indicated shift _____

GAGE READINGS

Time				Inside	Outside
			1050 <u>1050</u>	<u>5.9</u>	<u>3.63</u>
			<u>WT</u>	<u>3.7</u>	<u>3.7</u>
			<u>SC</u>	<u>108</u>	<u>181.4</u>
Start					
	<u>1056</u>	<u>Prish</u>	<u>baski</u>	<u>upstream</u>	<u>→ 0.27</u>
	<u>111</u>	<u>Prish</u>	<u>baski</u>	<u>downstream</u>	<u>→ 0.309 cfs</u>
					<u>0.42</u>
					<u>0.747</u>
Finish					
			<u>1119</u>	<u>5.9</u>	<u>3.63</u>
					<u>3.12</u>
Weighted MGH					
GH correction					
Correct MGH			<u>0.7117 - 0.309 =</u>	<u>0.438 cfs</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: steady, lots of rocks so need to baski for down stream
Cross section: _____

Gage operating: _____
Battery voltage: _____ Record Removed _____
Intake/Orifice cleaned/purged: _____
Bubble-gage pressure, psi: Tank 850, Line 10; Bubble-rate _____ /min.
Extreme-GH indicators: max _____, min _____
SG checked: _____
HWM height on stick _____ Ref. elev. _____ HWM elev. _____
HWM inside/outside: _____
Control: Clear Lock not detected, fixed last time ???

Remarks: cloudy, warmish
6 A 1048 1) 3.63 2) 3.7 3) 107.8 4) 5.65 5) 13.5
of zero flow = GH _____ - depth at control _____ = _____ ft., rated _____
U.S. GOVERNMENT PRINTING OFFICE: 2007-657-026 Sheet No. _____ of _____ sheets