

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. B3 Lawson @ 945

Sta. Name _____

Date 27 Dec, 20 10 Party SWC CBR CLJ

Width 12.0 Area 3.46 Vel. 2.75 G. H. _____ Disch. 9.52

Method 0.6 No. secs. 25 G. H. change _____ in _____ hrs.

Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____

Meter Type stick 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	Time	Inside	Outside
	<u>stg</u> 1008	7.50	
	<u>WT</u> 1000	1.5	1.5
Start	<u>DC</u> 1000	2.95	2.15
	<u>stg</u> 1018	7.49	0.55 ± 0.03
Finish	<u>pH: 6.07</u>		
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 _____

115 @ 115 -0.1

Wading, cable, ice, boat, upstr., downstr., side bridge, 100 ft., mi. upstr., downstr. of gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following conditions: Flow: turbulent w/ high angled velocity.

Cross section: Missing some flow DSL

Gage operating: _____ Record Removed _____

Battery voltage: _____ Intake/Orifice cleaned/purged: _____

Bubble-gage pressure, psi: Tank _____, Line _____; Bubble-rate _____ /min.

Extreme-GH indicators: max _____, min _____

CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____

HWM inside/outside: _____

Control: free + clear. A little sand build up in pool though.

Remarks: Replacing old program w/ New offset = 6.24, cable L = 50', cable coef = 1.46
SC works now! #6 @ 1006 1) 7.48 2) 1.53 3) 2.9 4) 12.6

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

