

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

Meas. No. 50
Comp. by EJB
Checked by _____

Sta. No. _____
Sta. Name Crescent F8
Date Jan. 21, 2010 Party EJ Blajszczak / BA Monday
Width 2.2 Area 0.38 Vel. 1.00 G. H. _____ Disch. 0.38
Method 16 No. secs. _____ G. H. change _____ in _____ hrs.
Method coef. 1.0 Horiz. angle coef. 1.0 Susp. Red Tags checked _____
Meter Type Pygmy Meter No. 0084025 Meter _____ ft. above bottom of wt.
Rating used 6/99 Spin test before meas. 130; after OK
Meas. plots _____ % diff. from rating no. _____ Indicated shift _____

GAGE READINGS						Tape ↓
Time	AT	SC	WT	Stage	Inside	Outside
1225	3.72	140	6.65	2.98		-1.36
						2.924
	Start					
1245				3.02		7.37
1250	= Purge	140	7.12			-1.37
1300	3.68	142	7.39	2.91		-1.37
						2.914
	Finish					
Weighted MGH						
GH correction						
Correct MGH						

Samples collected: water quality,
sediment, biological, other _____
1230
Measurements documented on
separate sheets: water quality,
aux./base gage, other _____
1230
Rain gage serviced/calibrated _____
Weather: Clear / Breezy
Air Temp. 5.0 °C at 1230
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: Stable
Cross section: Gravel / Cobble / sand

Gage operating: yes Record Removed yes
Battery voltage: 14.3 Intake/Orifice cleaned/purged: yes
Bubble-gage pressure, psi: Tank 1000, Line 14; Bubble-rate 50 /min.
Extreme-GH indicators: max _____, min _____
CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
HWM inside/outside: _____
Control: Clear

Remarks: 1 extra tank in gage
YSI = 105.8 @ 6.8°C @ 1230 pH = 8.26
GH of zero flow = GH _____ - depth at control _____ = _____ ft., rated _____

