

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. B1 Prison @ 1426
Sta. Name _____
Date 12-27, 20 10 Party _____
Width 120 Area 3.38 Vel. 1.93 G. H. _____ Disch. 6.54
Method 0.6 No. secs. 24 G. H. change _____ in _____ hrs.
Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____
Meter Type 2 track 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
		stg	1427	2.38	0.5 ± 0.1
		vt	1430	7.5	7.5
Start		sc	1430	7.3	7.8
		stg	1438	3.13	0.5
		Purged @ 1440			
		stg	1441	2.79	
		stg rises from 2.3 to 3.1 then drops rapidly to 2.3 again			
		Water in line? IG is prob @ 2.45 then Press builds			
Finish		until water is pushed thru orifice			
Weighted MGH		stg	1503	2.71	0.5
GH correction				± 0.05	
Correct MGH		PH: 8.40			

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: _____
Cross section: _____

Gage operating: _____ Record Removed _____
Battery voltage: _____ Intake/Orifice cleaned/purged: _____
Bubble-gage pressure, psi: Tank 700, Line 9; Bubble-rate 30 /min.
Extreme-GH indicators: max _____, min _____
CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
HWM inside/outside: _____
Control: Sucks - Full of sand + filled

Remarks: xb @ 1427 1) 2.38 2) 7.5 3) 0.06 4) 11.1 5) 13.7
stg vt sc vt stg

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