

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

Meas. No. _____
Comp. by CBR
Checked by JCK

Sta. No. _____
Sta. Name Brownworth Gage
Date 12-10, 20 10 Party CBR SWC JCK
Width 8.3 Area 2.44 Vel. 0.169 G. H. .73 Disch. 0.412
Method .6 No. secs. 22 G. H. change 0 in .5 hrs.
Method coef. - Horiz. angle coef. - Susp. Red Tags checked _____
Meter Type Pyg 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				Subson OG	
Time			CR10	Inside	Outside
1048			.73	.73	.72 ± .05
1052	changed GH on Subson +10.00 = 10.74				
S 1103	Start				
1122				10.73	.73
F 1133			.72	10.73	.74
1143	changed GH on Subson -10.00 = .73				
	Finish				
				.73	
	Weighted MGH				
	GH correction				
	Correct MGH				

Samples collected: water quality, sediment, biological, other _____
SC = 31 US @ 1055
CR10 16.4 US
Measurements documented on separate sheets: water quality, aux./base gage, other _____
Rain gage serviced/calibrated _____
pH: 6.78
Weather: windy, clear
Air Temp. _____ °C at 1055
Water Temp: 3.7 °C at 1055
CR10 = 4.1
Check bar/chain found _____
Changed to _____ at _____
Correct _____

Wading, cable, ice, boat, upstr., downstr., side bridge, 150 ft., mi. upstr., downstr. of gage.
Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following conditions: Flow: pulsing some, fairly uniform
Cross section: mostly even gravel bottom

Gage operating: OK Record Removed no
Battery voltage: 13.3 Intake/Orifice cleaned/purged: no, OG = IG
Bubble-gage pressure, psi: Tank 2000, Line 7 adj to 10; Bubble-rate 44 /min.
Extreme-GH indicators: max _____, min _____
CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
HWM inside/outside: _____
Control: clear

Remarks: CR10 logging, SP=344, Time OK, checked CR10 → program OK
Subson = 37 min slow

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

