

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

Meas. No. _____

Comp. by SWC

Checked by _____

Sta. No. Inyx @ Brown north @ 1400

Sta. Name _____

Date 17 Dec, 20 10 Party SWC @ CBR @ CLJ

Width 31.5 Area 32.6 Vel. 2.47 G. H. _____ Disch. 80.68

Method 6.3/6 No. secs. 28 G. H. change 0 in .5 hrs.

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

Meter Type Tracker Meter No. 0126590 Meter _____ ft. above bottom of wt.

Rating used - Spin test before meas. _____; after _____

Meas. plots _____ % diff. from rating no. _____ Indicated shift _____

GAGE READINGS					CR10	
Time			Sutton	Inside	Outside	
S 1407			2.03	2.026	2.023	204
1440			2.02	2.01		
P 1457	Start		2.03	2.01	2.02	
	Finish					
Weighted MGH			2.03	2.02	2.02	
GH correction						
Correct MGH						

Samples collected: water quality, sediment, biological, other _____
Yes @ 1420

Measurements documented on separate sheets: water quality, aux./base gage, other _____

Rain gage serviced/calibrated _____
in SL: 17.9 in WT: 4.9

Weather: _____
Air Temp: 56:36 °C at 1421
Water Temp: 5.0 °C at 1421

Check bar/chain found _____
Changed to _____ at _____
Correct _____

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: mostly steady flow
Cross section: gravel cobble, mostly uniform

Gage operating: OK Record Removed no
Battery voltage: 13.0 Intake/Orifice cleaned/purged: no
Bubble-gage pressure, psi: Tank 1900, Line 10; Bubble-rate 45 /min.
Extreme-GH indicators: max _____, min _____
CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
HWM inside/outside: _____
Control: free & clear, ice built up on wire structure but not control or plume.
Remarks: X6 @

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