

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. H. Andersen @ 2055

Sta. Name _____

Date 17 Jan, 20 11 Party SWC James Cullis

Width 12.7 Area 1.56 Vel. 1.68 G. H. _____ Disch. 2.63

Method _____ No. secs. 27 G. H. change _____ in _____ hrs.

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

Meter Type Quartz 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 | 2100 | 1.87 | 0.82 | |
| | | wt | 2100 | 0.8 | 1.2 | |
| Start | | SC | 2100 | 15.2 | 13.2 | |
| | | stg | 2118 | 1.85 | 0.82 | |
| | | | | ±0.02 | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Finish | | | | | | |
| Weighted MGH | | | | | | |
| GH correction | | | | | | |
| Correct MGH | | | | | | |

Samples collected: water quality, sediment, biological, other _____

yes @ 2105
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, 10 ft., mi. upstr., downstr. of gage.
Measurement rated excellent (2%), good (5%), fair (8%), poor (> 8%); based on following conditions: Flow: laminar 2 sections.
Cross section: laminar

Gage operating: _____ Record Removed _____

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

Bubble-gage pressure, psi: Tank 1600, Line 10; Bubble-rate 30 /min.

Extreme-GH indicators: max _____, min _____

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

HWM inside/outside: _____

Control: Free + clear

1.83, 85, 89, 87 - check for lost data.

Remarks: CR10X was not responding. Unplugged power + reset. program + time + date still ok KB @ 2058
1) 1.87 2) 0.8 3) 15.2 4) 4.8 5) 11.9

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