

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. _____
Sta. Name Lions Creek
Date 20 Dec, 20 10 Party CLS, CBR, SVC
Width _____ Area 2.97 Vel. _____ G. H. _____ Disch. 8.24
Method 0.6 No. secs. 28 G. H. change _____ in _____ hrs.
Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____
Meter Type ADV 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 | WT | SC | | Inside | Outside |
| <u>1320</u> | <u>0.4</u> | <u>80.5</u> | | <u>/</u> | <u>/</u> |
| <u>1330</u> | | | <u>0.89</u> | <u>2.0</u> | <u>1.75</u> |
| | Start | | | | |
| <u>1420</u> | | | | | |
| <u>1440</u> | | | <u>2.08</u> | <u>3.13</u> | <u>6.49</u> |
| | | | | | <u>8.24</u> |
| | | | | | |
| | | | | | |
| | | | | | |
| | Finish | | | | |
| | | <u>pH: 7.39</u> | | | |
| | Weighted MGH | | | | |
| | GH correction | | | | |
| | Correct MGH | | | | |

Samples collected: water quality, sediment, biological, other _____
Measurements documented on separate sheets: water quality, aux./base gage, other @1330
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: dendrite/deltaic much seepage
Cross section: 2 cross-sections

Gage operating: No Record Removed _____
Battery voltage: _____ Intake/Orifice cleaned/purged: _____
Bubble-gage pressure, psi: Tank _____, Line _____; Bubble-rate _____ /min.
Extreme-GH indicators: max _____, min _____
CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
HWM inside/outside: _____
Control: _____

Remarks: Gage box being submerged / buried. Should be retrieved
GH of zero flow = GH _____ - depth at control _____ = _____ ft., rated _____

