

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

Meas. No. (23)
Comp. by _____
Checked by _____

Sta. No. _____
Sta. Name DELTA D F 10
Date JAN 11, 2002 Party CI, UT
Width 12.0 Area 3.12 Vel. 1.58 G.H. _____ Disch. 4.746
Method .6 No. secs. 20 G.H. change _____ in _____ hrs.
Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____
Meter Type Pygmy 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	COND	OUT (m)	UT	Inside	Outside
<u>1740</u> Start	<u>20112</u>	<u>7.5</u>	<u>7.8</u>	<u>4.60</u>	<u>0.79</u>
<u>1815</u> Finish			<u>7.6</u>	<u>4.65</u>	<u>.75</u>
Weighted MGH					
GH correction					
Correct MGH					

Samples collected: water quality, sediment, biological, other _____
1745
Measurements documented on separate sheets: water quality, aux./base gage, other _____
Rain gage serviced/calibrated _____
Weather: Windy, warm, clear
Air Temp. 0 °C at 1740
Water Temp. 7.8 °C at 1740
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: 14.2 Intake/Orifice cleaned/purged: _____
Bubble-gage pressure, psi: Tank 400, Line 11; Bubble-rate 48 /min.
Extreme-GH indicators: max _____, min _____
CSG checked: _____ HWM height on stick _____ Ref. elev. _____ HWM elev. _____
HWM inside/outside: _____
Control: _____

Remarks: _____

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

