

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

Meas. No. _____
Comp. by AB
Checked by _____

Sta. No. F10
Sta. Name Delta
Date 8 Jan, 20 14 Party SWC, AD
Width _____ Area _____ Vel. _____ G. H. _____ Disch. 0.761
Method Flowtracer No. secs. _____ G. H. change _____ in _____ hrs.
Method coef. _____ Horiz. angle coef. _____ Susp. _____ Tags checked _____
Meter Type _____ 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			Inside	Outside
	<u>14:12</u>	<u>stage</u>	<u>4.42</u>	<u>1.19</u>
Start		<u>H₂O temp</u>	<u>8.20</u>	<u>10.60</u>
		<u>σ conduc</u>	<u>161.3</u>	<u>156.1</u>
		<u>Air temp</u>	<u>7.64</u>	
		<u>± 0.7 cfb</u>		
Finish	<u>14:10</u>	<u>stage</u>	<u>4.42</u>	<u>1.19</u>
Weighted MGH				
GH correction				
Correct MGH				

Samples collected: water quality, sediment, biological, other
14:10

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

Rain gage serviced/calibrated _____

Weather: sunny, warm

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: _____

Cross section: _____

2: F10 8 JAN

Gage operating: _____

Battery voltage: _____ Record Removed _____

Bubble-gage pressure, psi: Tank 10, Line _____; Intake/Orifice cleaned/purged: _____

Extreme-GH indicators: max _____, min _____; Bubble-rate _____ /min.

SG checked: _____ HWM height on stick _____

HWM inside/outside: _____ Ref. elev. _____ HWM elev. _____

Control: _____

Remarks: N₂ @ 2,000 pH 7.25

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