

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

H. Anderson

Meas. No. 82

Sta. No. _____

Comp. by _____

Date 12/5/2009, 19 Party BAM

Checked by _____

Width 2.99 Area 0.360 Vel. 0.578 G. H. _____ Disch 0.208 cfs

Method 0.6 No. secs. 11 G. H. change _____ in _____ hrs. Susp. _____

Method coef. 1 Hor. angle coef. 1 Susp. coef. _____ Meter No. _____

Type of meter _____ Date rated _____ Tag checked _____

Meter _____ ft. above bottom of wt. Spin before meas. _____ after _____

Meas. plots _____ % diff. from _____ rating. Levels obtained _____

GAGE READINGS				WATER QUALITY MEASUREMENTS		
Time	Inside		Outside	No	Yes <input checked="" type="checkbox"/>	Time <u>17:30</u>
<u>16:53</u>	<u>1.23</u>		<u>0.41</u>	<u>1.41</u>		<u>Samples Collected</u>
<u>17:24</u>	<u>1.32</u>		<u>0.45</u>	<u>1.45</u>		<u>Method Used</u>
				EDI _____	EWI _____	Other _____
				SEDIMENT SAMPLES		
				No <input checked="" type="checkbox"/>	Yes _____	Time _____
						<u>Method Used</u>
				EDI _____	EWI _____	Other _____
				BIOLOGICAL SAMPLES		
Weighted M.G.H.				Yes _____		Time _____
G.H. correction				No <input checked="" type="checkbox"/>		Type _____
Correct M.G.H.						

Check bar. chain found _____ changed to _____ at _____

Wading, cable, ice, boat, upstr., downstr., side bridge 10 feet mile, above, below gage.

Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:

Flow even

Cross section rocks

Control snow in control

Gage operating yes Weather Sunny

Intake/Orifice cleaned _____ Air 10 °C@ 17:29 Water 1 °C@ 17:33

Record removed _____ Extreme Indicator: Max. _____ Min. _____

Nitrogen Pressure Tank 2000 Feed 12 Bbl rate _____ per min.

CSG checked _____ Stick reading _____

Observer estimated Q following it to HQ = 0.08

HWM pH = 7.795 (on 12/14 in lab) outside, in well

Remarks *6 (1) 1.23 (2) 0.81 (3) 27.7 (4) 11.38

15) 12.58 Time + date = OK

sc = 15.9 (on 12/14 10°C in lab)

G.H. of zero flow _____ ft. Sheet No. _____ of _____ sheets