

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

Sta. No. _____ Meas. No. _____
Comp. by PRW
Checked by _____
Date Jan 19, 2009 Party P.R. Wright, D.C. Leslie
Width _____ Area _____ Vel. _____ G. H. _____ Disch. .006
Method _____ No. secs. _____ G. H. change _____ in _____ hrs. Susp. _____
Method coef. _____ Hor. angle coef. _____ Susp. coef. _____ Meter No. _____
Type of meter Cutthroat 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>1400</u>
<u>1341</u>	<u>635</u>		<u>.01 ±</u>	<u>.01</u>	<u>Samples Collected</u>	
				No	Yes <input checked="" type="checkbox"/>	Time <u>1400</u>
					<u>Method Used</u>	
<u>1350</u>	<u>Purged orifice</u>			EDI _____	EWI _____	Other _____
<u>1355</u>	<u>Cutthroat</u>	<u>0.042</u>		No <input checked="" type="checkbox"/>	Yes _____	Time _____
					<u>Method Used</u>	
<u>1358</u>	<u>632</u>		<u>.01 ± .01</u>	EDI _____	EWI _____	Other _____

SEDIMENT SAMPLES		
No <input checked="" type="checkbox"/>	Yes _____	Time _____
	<u>Method Used</u>	
EDI _____	EWI _____	Other _____

BIOLOGICAL SAMPLES	
Yes _____	Time _____
No <input checked="" type="checkbox"/>	Type _____

Weighted M.G.H. _____
G.H. correction _____
Correct M.G.H. _____
Check bar. chain found _____ changed to _____ at _____
Wading, cable, ice, boat, upstr., downstr., side bridge _____ feet, mile, above, below gage.
Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:
Flow _____
Cross section _____
Control control is tilting forward & to the left. no water on staff
Gage operating YES Weather Clear, windy, warm
Intake/Orifice cleaned _____ Air _____ °C @ _____ Water _____ °C @ _____
Record removed N Extreme Indicator: Max. _____ Min. _____
Nitrogen Pressure Tank 1520 Feed 12 Bbl rate 62 per min.
CSG checked _____ Stick reading _____
Observer Guessed staff reading pretending flume level
HWM Orifice is in water outside, in well _____
Remarks Timer year & Julian day all correct
* 6 02 = .156, 03 = -6.6, 04 = 2.36, 05 = 14.02
Put SC probe in water @ 1350 YSI 30 SC = 20.9 uS @ 4.3 °C
G.H. of zero flow _____ ft. Sheet No. _____ of _____ sheets