

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

Sta. No. Onyx at Lower Wright Meas. No. _____
Date 12/18/2008, 19 Party CHW ARB Comp. by _____
Width 16.3 Area 8.653 Vel. 0.72 G. H. _____ Disch 17.018
Method 1 No. secs. 25 G. H. change _____ in _____ hrs. Susp. 200
Method coef. 1 Hor. angle coef. calcd Susp. coef. _____ Meter No. 92151
Type of meter Flow Tracker 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
1248	1.646			305 meters	Samples Collected		
					No	Yes <input checked="" type="checkbox"/>	Time 1306
1336	1.615			308 meters	Method Used		
					EDI	EWI	Other
					SEDIMENT SAMPLES		
					No <input checked="" type="checkbox"/>	Yes	Time
					Method Used		
					EDI	EWI	Other
Weighted M.G.H.					BIOLOGICAL SAMPLES		
G.H. correction					Yes	Time	
Correct M.G.H.					No <input checked="" type="checkbox"/>	Type	

Check bar. chain found _____ changed to _____ at _____
Wading, cable, ice, boat, upstr., downstr., side bridge 50 feet, mile, above, below gage.
Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:
Flow Uniform
Cross section Cobble
Control Free + Clear
Gage operating Yes Weather Sunny
Intake/Orifice cleaned No Air 1.8 °C @ 1356 Water 5.3 °C @ 1300
Record removed No Extreme Indicator: Max. _____ Min. SC-99.6
Nitrogen Pressure Tank 1500 Feed 14 Bbl rate 50 per min.
CSG checked _____ Stick reading _____
Observer _____
HWM _____ outside, in well _____
Remarks 1) 1248 i) 1.646 ii) 5.04 WT 3) 25.10 SC 4) 3.87 AT
5) 13.09 BV
pH(in lab) = 7.72 @ 17.7°C
G.H. of zero flow _____ ft. Sheet No. _____ of _____ sheets