

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY,

Meas. No. 25
Comp. by.

WATER RESOURCES DIVISION

Sta. No. **DISCHARGE MEASUREMENT NOTES** Checked by

Crescent
Date Dec 8, 2004 Party P.R. Wright
Width Area Vel. G.H. Disch.
Method No. secs. G.H. change. in hrs. Susp.
Method coef. Hor. angle coef. 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

Time	SC	Inside	ADR	Graphic	Outside
1651	97	3.13	9.23	1.25	
1713		3.13		1.25	
Weighted M.G.H.					
G. H. correction					
Correct M.G.H.					

WATER QUALITY MEASUREMENTS

No	Yes. <input checked="" type="checkbox"/>	Time
<u>Samples Collected</u>		
No	Yes. <input checked="" type="checkbox"/>	Time
<u>Method Used</u>		
EDI	EWI	Other <u>Grab</u>
<u>SEDIMENT SAMPLES</u>		
No	Yes. <input checked="" type="checkbox"/>	Time
<u>Method Used</u>		
EDI	EWI	Other
<u>BIOLOGICAL SAMPLES</u>		
Yes		Time
No	<input checked="" type="checkbox"/>	Type

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
Gage operating Weather
Intake/Orifice cleaned N Air °C@ Water °C@
Record removed N Extreme Indicator: Max. Min.
Manometer N₂ Pressure Tank 1950 Feed 9.5 set to ¹⁰ Bbl rate OK per min.
CSG checked Stick reading
Observer

HWM outside, in well
Remarks Checked Day & Time, Day 342, Year 2004, Time 1650
Batterys @ 13.7, Portable Flume Read 0.35, some leakage
still better than any pygmy, Sp Cond = 9945, WT = 8.6°C
G.H. of zero flow ft. Sheet No. of sheets
06 = 4.264 - 1.25 = 3.014

0.519 cfs