9-275-F
(Apr. 93)

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Meas. No. .....

Comp. by NRM

WATER RESOURCES DIVISION

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

B3 Lawson

Date 12-14 , 19 2007 Party NRM, AMS, LFS

Width 7.4 Area 2.94 ft² Vel. 2.55 ft/s G.H. ..... Disch. 7.74 cfs

Method ..... No. secs. ..... G.H. change ..... in ..... hrs. Susp. .....

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

Type of meter Pygmy Date rated ..... Tag checked .....

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

Meas. Plots ..... % diff. from ..... rating. Levels obtained .....

GAGE READINGS tapedown

Time	Inside				Outside
1056	7.05			7.12	.65
1212	7.09			7.16	.59
				APPI = 7.77	
Weighted M.G.H.					
G.H. correction					
Correct M.G.H.					

WATER QUALITY MEASUREMENTS

No ..... Yes ✓ Time 1100

pH 6.96 @ 1.6°C Samples Collected cond. 23 µs

No ..... Yes ✓ Time .....

Method Used

EDI ..... EWI ..... Other DI?

SEDIMENT SAMPLES

No ..... Yes ..... Time .....

Method Used

EDI ..... EWI ..... Other .....

BIOLOGICAL SAMPLES

Yes ..... Time .....

No ..... Type .....

Check bar. chain found ..... changed to ..... at .....

Wading, cable, ice, boat, upstr, downstr., side bridge 125 feet, mile, above, below gage.

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

Flow rapid and ~~turbular~~, unsteady, turbulent

Cross section gravel and sand

Control .....

Gage operating yes Weather sunny and warm

Intake/Orifice cleaned ..... Air 9 °C@ 1059 Water 1.6 °C@ 1100

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

Manometer N_2 Pressure Tank ..... Feed ..... Bbl rate ..... per min. .....

CSG checked ..... Stick reading .....

Observer .....

HWM ..... outside, in well

Remarks BV - 13.89

Lots of Flow over control

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