

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

Meas. No. _____

Sta. No. B3 Lawson

Comp. by _____

Checked by _____

Date 12-23-07, 19____ Party AMG, NRM, LFS

Width 6.1 Area 1.78 Vel. 1.889 G. H. _____ Disch 3.358

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

WATER QUALITY MEASUREMENTS

Time	Inside	Outside
1110	6.933	.75
1145	7.077	.94
Weighted M.G.H.		
G.H. correction		
Correct M.G.H.		

No _____ Yes Time 1115
 PH6.97 Samples Collected SC 29.4 μS
 No _____ Yes Time Temp 2.6°C
 Method Used _____
 EDI _____ EWI _____ Other AP

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 75 feet, mile, above, below gage.

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

Flow turbulent

Cross section gravel, small rocks, high suspended sediment load

Control clear, turbulent over orifice

Gage operating yes Weather sunny, no wind

Intake/Orifice cleaned _____ Air _____ °C@ _____ Water 2.5 °C@ 1110

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

Nitrogen Pressure Tank 1900 Feed 10 Bbl rate 15 per min.

CSG checked _____ Stick reading _____

Observer _____

HWM _____ outside, in well _____

Remarks *6@ 1110

ST = 6.933 Bring SC probe next time

BV-14.0V

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

River at -

ANGLE COEF- FICIENT	DIST. FROM INITIAL POINT	WIDTH	DEPTH	OBSERVA- TION DEPTH	REVO- LUTIONS	TIME IN SEC- ONDS	VELOCITY		ADJUST- ED FOR HOR. ANGLE OR	AREA	DISCHARGE .80
							AT POINT	MEAN IN VER- TICAL			
LEW	2.4	.3	0								
1121	3.0	.45	.2		40	51		.784		.09	.0706 .85
	3.3	.3	.2		60	44		1.34		.06	.0804
	3.6	.3	.3		80	50		1.57		.09	.1413 .90
	3.9	.3	.4		80	43		1.82		.12	.2184 .92
	4.2	.3	.5		100	41		2.37		.15	.356 .94
	4.5	.3	.5		80	46		1.70		.15	.255 .96
	4.8	.3	.5		100	40		2.43		.15	.364 .97
	5.1	.3	.5		150	56		2.60		.15	.39 .98
	5.4	.3	.4		100	40		2.43		.12	.2916 .99
	5.7	.3	.35		100	47		2.07		.105	.217 .99
	6.0	.3	.3		100	40		2.43		.09	.2187 .99
0	6.3	.3	.3		50	45		1.10		.09	.099 1.00
	6.6	.35	.3		80	43		1.82		.105	.191 .99
	7.0	.4	.2		80	43		1.82		.08	.1456 .99
	7.4	.35	.25		80	49		1.60		.088	.141 .98
	7.7	.3	.2		60	40		1.47		.06	.0882 .97
	8.0	.4	.2		50	44		1.12		.08	.0896 .97
	8.5	.25	0					1.89		1.778	3.358 .97
	6.1	6.1									
	REW 2										
	1143										