

9-275-G
(Rev. 10-81)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Meas. No.
Comp. by.

WATER RESOURCES DIVISION

Sta. No. 01x @ LW DISCHARGE MEASUREMENT NOTES Checked by

Date 12/21/07, 19... Party NRM, AMS, LFS
Width 19.7 ft. Area 15.37 ft² Vel. 1.77 ft/s G. H. Disch. 27.29 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					WATER QUALITY MEASUREMENTS	
Time	Inside	ADR	Graphic	Outside	No. Yes. <input checked="" type="checkbox"/>	Time
<u>1248</u>	<u>2.06</u>			<u>.475</u>		<u>23.9 ms</u>
<u>1322</u>	<u>2.058</u>					
<u>1332</u>	<u>2.06</u>			<u>.48</u>		
Weighted M.G.H.					<u>Method Used</u>	
G. H. correction					EDI EWI Other. <u>1.7</u>	
Correct M.G.H.					<u>SEDIMENT SAMPLES</u>	
					No. Yes. Time	
					<u>Method Used</u>	
					EDI EWI Other.	
					<u>BIOLOGICAL SAMPLES</u>	
					Yes. Time	
					No. Type	

Check bar. chain found changed to at
Wading, cable, ice, boat, upstr., downstr., side bridge. 30 feet, mile, above, below gage.
Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:
Flow. turbulent, uneven
Cross section rocks, gravel
Control clear
Gage operating Weather cloudy, up-valley winds
Intake/Orifice cleaned Air 6 °C @ 12.53 Water °C @
Record removed Extreme Indicator: Max. Min.
Manometer N₂ Pressure Tank 1700.751 Feed 10.751 Bbl rate per min.
CSG checked Stick reading
Observer
HWM outside, in well
Remarks 1248 *6 2.06 at 4.39
1322 2.61 84 13.5
1332 2.06 84 13.5
G.H. of zero flow ft. Sheet No. of sheets

.0 .10 .20 .30 .40 .50 .60 .70 .75

River at—

Angle coef- ficient	Dist. from initial point	Width	Depth	Observa- tion depth	Rev- olu- tions	Time in sec- onds	VELOCITY		Adjusted for hor. angle or -----	Area	Discharge	
							At point	Mean in ver- tical				
LEW 2)	22.0	.5	0									
1307	21.0	1.0	.3		20	45		.458		.3	.137	.85
	20.0	1.0	.65		50	47		1.05		.65	.683	
	19.0	1.0	1.0		60	42		1.40		1.0	1.40	.90
	18.0	1.0	1.1		80	50		1.57		1.1	1.727	
	17.0	1.0	1.2		80	47		1.67		1.2	2.00	.92
	16.0	0.9	1.1		100	45		2.17		.99	2.148	.94
	15.2	0.8	1.1		100	41		2.37		.88	2.086	
	14.4	0.8	1.0		100	41		2.37		.8	1.896	.96
	13.6	0.8	1.0		100	43		2.26		.8	1.808	.97
	12.8	0.8	1.0		100	48		2.03		.8	1.624	.98
	12.0	0.9	1.05		100	44		2.21		.945	2.088	.99
	11.0	1.0	.95		100	44		2.21		.95	2.100	
	10.0	1.0	1.0		80	44		1.78		1.0	1.78	
⊙	9.0	1.0	1.0		80	44		1.78		1.0	1.78	1.00
	8.0	1.0	.85		80	45		1.74		.85	1.479	
	7.0	1.0	.7		40	40		.992		.7	.694	
	6.0	1.0	.6		25	44		.577		.6	.346	.99
	5.0	1.0	.4		3	70		.072		.4	.029	.98
	4.0	1.0	.28		5	44		.140		.28	.039	.97
	3.0	.85	.15		5	45		.138		.128	.018	.96
	2.3	.35	0					1.77		15.37	27.29	.94
	19.7	19.7										.92
	RSW 2	1332										.90
												.85
												.80

.0 .10 .20 .30 .40 .50 .60 .70 .75