

WATER RESOURCES DIVISION

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

Handy stream @ B2

Date *11.7*, 19 *95* Party *HHJT*
 Width *7.30* Area *2.85* Vel. *1.48* G.H. *2.07* Disch. *4.22 + 0.15 =*
 Method *16* No. secs. *24* G.H. change. in hrs. Susp. *4.37*
 Method coef. Hor. angle coef. *1.0* 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. *no*

GAGE READINGS

WATER QUALITY MEASUREMENTS

Time	Inside	ADR	Graphic	Outside
<i>1350</i>	<i>4.207</i>			<i>2.08</i>
<i>14.16</i>				<i>2.06</i>

No Yes. Time
Samples Collected
 No Yes. Time
Method Used
 EDI EWI Other.

SEDIMENT SAMPLES

No Yes. Time
Method Used
 EDI EWI Other.

BIOLOGICAL SAMPLES

Yes. Time
 No Type

Weighted M.G.H.
 G. H. correction
 Correct M.G.H.

Check bar. chain found changed to at
 Wading, cable, ice, boat, upstr., downstr., side bridge. *20* feet, mile, above, below gage.

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

Flow. *turbulent, sandy*

Cross section *even sand*

Control *Flume + weirs*

Gage operating *no* Weather

Intake/Orifice cleaned *no* Air °C@ Water °C@

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

Manometer N₂ Pressure Tank *1500* Feed Bbl rate per min.

CSG checked Stick reading

Observer

HWM outside, in well

Remarks *depth on right weir = 0.4*

depth on left weir = 0.1

** Add 0.15 cfs for left channel flow **

River at—

Angle coef- ficient	Dist. from initial point	Width	Depth	Observa- tion depth	Revolu- tions	Time in sec- onds	VELOCITY		Adjusted for hor. angle or -----	Area	Discharge
							At point	Mean in ver- tical			
Lev 1352	1.0		0.30		24	40.5					
	1.3		0.32		48	40.5					.85
	1.6		0.40		60	40.5					
	1.9		0.45		56	40.5					
	2.2		0.45		51	41					.90
	2.5		0.50		49	41					.92
	2.8		0.50		80	42					
	3.1		0.50		90	40.5					.94
	3.4		0.45		60	41					.96
	3.7		0.55		37	40.8					.97
	4.0		0.55		80	40					.98
	4.3		0.50		63	40.5					.99
	4.6		0.55		66	40.2					
	4.9		0.50		76	40.2					
o	5.2		0.55		84	40.5					1.00
	5.5		0.55		80	40.5					
	5.8		0.45		50	40					
	6.1		0.30		50	41.5					.99
	6.4		0.25		25	20.5					.98
	6.7		0.25		33	22.8					.97
	7.0		0.25		24	20.5					.96
	7.3		0.20		10	20					
	7.6		0.20		8	21					.94
new 1415	8.3		0.0		0	0					.92
											.90
											.85
											.80