

WATER RESOURCES DIVISION

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

HENDY Stream Sit. B-2
Date **119**, 19 **94** Party **HH/G.D.**
Width **5.80** Area **1.805** Vel. **2.532** G.H. **2.19** Disch. **4.78**
Method **0.6** No. secs. **20** G.H. change **0.08** in **113** hrs. Susp.
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	No. <input checked="" type="checkbox"/> Yes. Time
1109	1.64			2.15	<u>Samples Collected</u>
1127	1.65			2.23	No. <input checked="" type="checkbox"/> Yes. Time
					<u>Method Used</u>
					EDI EWI Other. <input checked="" type="checkbox"/>
					<u>SEDIMENT SAMPLES</u>
					No. <input checked="" type="checkbox"/> Yes. Time
					<u>Method Used</u>
					EDI EWI Other.
					<u>BIOLOGICAL SAMPLES</u>
Weighted M.G.H.					Yes. Time
G. H. correction					No. <input checked="" type="checkbox"/> Type
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. **Steady**
 Cross section **Moving sand + even**
 Control **Flume**
 Gage operating **yes** Weather **Sunny, windless**
 Intake/Orifice cleaned **NO** Air °C@ Water °C@
 Record removed **yes** Extreme Indicator: Max. Min.
 Manometer N₂ Pressure Tank **1300** Feed Bbl rate per min.
 CSG checked Stick reading
 Observer
 HWM outside, in well
 Remarks **Orifice tube plugged, discharge measurement done on unaltered weir configuration, inside gage not operating properly.**
 G.H. of zero flow ft. Sheet No. of sheets

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 1111	0.8		0		0	0					.80
	1.3		0.15		40	25					.85
	1.6		0.25		60	26					
	1.9		0.30		60	23					.90
	2.2		0.35		50	22					
	2.5		0.35		50	20					.92
	2.8		0.35		50	21					.94
	3.1		0.40		50	21					.96
	3.4		0.40		50	20					.97
	3.7		0.40		60	23					.98
	4.0		0.40		60	22					
	4.3		0.40		60	21					.99
	4.6		0.40		60	22					
	4.9		0.40		60	22					1.00
o	5.2		0.40		60	20					
	5.5		0.37		60	21					
	5.8		0.30		60	22					.99
	6.1		0.23		50	21					
	6.4		0.10		50	25					.98
REV 1122	6.6		0.10		25	25					.97

Side channel estimate

Width	Depth	Area	Discharge
1123 1.0	0.12	70 40	1.738
			0.21