

WATER RESOURCES DIVISION

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

Simmons Creek - Site H1

Date 1/10, 1994 Party HH

Width 5.30 Area 1.328 Vel. 1.754 G. H. 1.91 Disch. 2.33

Method 6 No. secs. 18 G. H. change 0 in 114 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. Yes. <input checked="" type="checkbox"/> Time
<u>1700</u>		<u>1.93</u>			<u>1.91</u>	<u>Samples Collected</u>
<u>1717</u>		<u>1.93</u>			<u>1.91</u>	No. Yes. <input checked="" type="checkbox"/> 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.
Weighted M.G.H.						<u>BIOLOGICAL SAMPLES</u>
G. H. correction						Yes. Time
Correct M.G.H.						No. <input checked="" type="checkbox"/> Type

Check bar. chain found changed to at

Wading, cable, ice, boat, upstr., downstr., side bridge. 2.5 feet mile, above, below gage.

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

Flow. fairly steady, turbulent

Cross section large gravel - uneven

Control Flume - no leaks

Gage operating yes Weather

Intake/Orifice cleaned no Air 12.4°C@ Water 0.7 °C@

Record removed yes Extreme Indicator: Max. Min.

Manometer N₂ Pressure Tank 1900 Feed Bbl rate per min.

CSG checked Stick reading

Observer

HWM outside, in well

Remarks

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			
row 1702	1.2		0.2	.6	10	21					
	1.5		0.2		20	21					.85
	1.8		0.2		40	25					
	2.1		0.25		35	23					
	2.4		0.28		60	21					.90
	2.7		0.30		50	23					.92
	3.0		0.25		40	22					
	3.3		0.33		50	21					.94
	3.6		0.30		50	22					.96
	3.9		0.30		50	24					.97
	4.2		0.20		50	22					.98
	4.5		0.30		50	24					.99
	4.8		0.25		40	25					
	5.1		0.24		40	26					
o	5.4		0.25		40	30					1.00
	5.7		0.20		25	21					
	6.0		0.22		40	25					
row 17156	6.5		0.22		0	0					.99