

WATER RESOURCES DIVISION

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

Lawson Creek @ B3
Date *1/7*, 19 *95* Party *H.H.-J.T.*
Width *2.8* Area *1.21* Vel. *1.92* G.H. Disch. *2.31*
Method *1.6* No. secs. *11* G.H. change. in 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 <i>Taped w/ RPI</i>					WATER QUALITY MEASUREMENTS	
Time	Inside	ADR	Graphic	Outside	No	Yes
<i>1206</i>	<i>6.81</i>			<i>1.12</i>	<input checked="" type="checkbox"/>	Time
<i>1232</i>	<i>6.84</i>			<i>1.10</i>	<input checked="" type="checkbox"/>	Time
					Samples Collected	
					Method Used	
					EDI	EWI Other
					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. *100* 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*

Control *weir*

Gage operating *yes* 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

Remarks

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

River at—

Angle coefficient	Dist. from initial point	Width	Depth	Observation depth	Revolutions	Time in seconds	VELOCITY		Adjusted for hor. angle or	Area	Discharge
							At point	Mean in vertical			
Rev 1219	0.8		0.1	.6	31	40.8					.80
	1.0		0.27		63	40.8					.85
	1.3		0.38		72	40.5					
	1.6		0.48		90	46.8					
	1.9		0.52		90	41.2					.90
	2.2		0.60		110	43.5					.92
	2.5		0.60		120	46.2					.94
	2.8		0.47		80	42.4					.96
	3.1		0.43		42	40.8					.97
	3.4		0.30		10	46.6					.98
Rev 1229	3.6		0.1		5	41.6					.99
○											1.00
											.99
											.98
											.97
											.96
											.94
											.92
											.90
											.85
											.80