

WATER RESOURCES DIVISION

Sta. No. DISCHARGE MEASUREMENT NOTES Checked by

Lawson Creek (B3)
Date Jan 6, 192009 Party ARB (Crampton), P.C. Wright
Width 7.899 Area 3.142 Vel. 1.865 G.H. Disch. 5.86
Method 6 No. secs. 24 G.H. change. in hrs. Susp. Rad
Method coef. Hor. angle coef. Susp. coef. Meter No.
Type of meter Flow tracker 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
0930	7.67			0.61 ± 0.2	No	Yes
0942	Purged line				Samples Collected	
0950	8.04 High due to surge			0.59 ± 0.2	No	Yes
1010	7.63			0.57 ± 0.2	Method Used	
1216	7.31			0.63 ± 0.2	Method Used	
Weighted M.G.H.					BIOLOGICAL SAMPLES	
G. H. correction					Yes	Time
Correct M.G.H.					No	Type

Check bar, chain found changed to at
Wading, cable, ice, boat, upstr., downstr., side bridge. feet, mile, above, below gage.
Measurement rated excellent (2%), good (5%), fair (8%), poor (over 8%); based on the following cond:
Flow. Moderately turbulent. lots of sediment, moving sand & gravel
Cross section. Gravel, cobbles, sand, relatively uniform
Control. Natural control, clear
Gage operating. Yes Weather P. Cloudy, warm, H breeze
Intake/Orifice cleaned. Yes Air °C@ Water °C@
Record removed. No Extreme Indicator: Max. Min.
Manometer N₂ Pressure Tank 1650 Feed 10.5 to 14 Bbl rate 57 per min.
CSG checked. Stick reading
Observer. Cleared sand & gravel from orifice, purged line
HWM. Several Sand Bags need replaced outside, in well
Remarks. Time looks good but J.D. says 21 and then 0006
02:9999, 03:00, 04:14.13 Volts
Conductivity 22 us @ 1.9°C *uncorrected*
G.H. of zero flow ft. Sheet No. of sheets
7.8 - 0.61 = 7.19 for outside 7.8 - 0.62 = 7.12