

Or \$6.32 per horse-power for the 24 hours' work, which is really the correct method of computing the results, as the water power would otherwise be running to waste during the night, the comparison will, therefore, stand as follows :

Cost of steam power per indicated horse-power per annum. \$130.00

Cost of water power per nominal horse-power, per annum. \$6.32

If the comparison is for 12 hours per day the result will

be per annum steam power per indicated horse-power. \$72.84

Water power per nominal horse-power..... 5.12

From the above results it would appear that to obtain for the 24 hours an equal amount of steam power to that yielded by the dam it would require an annual outlay of \$5982.60, or if steam power is employed for 12 hours per day the annual expenditure will be \$3352.09.

These conclusions are sufficient to show the vast difference of using steam as a motive power, and should not be entertained as long as the Rivière du Nord flows before your doors with fine facilities for its employment.

In conclusion I would say to every capitalist or proprietor of real estate in your section of the country, take stock in the Montreal and Northern Colonization Railway, and have it in operation at once. Then by publishing throughout Canada, England and the United States the peculiar advantages of the locality, and the liberal inducements you offer to parties requiring power, and my word for it your water powers will all be taken up from Site No. 1 to 13 in a very short space of time.

Will you kindly convey my thanks to C. Legge, Esq., for the assistance and data rendered me in the above, and also to Mr. J. H. Leclair, and others during survey.

Finally accept for yourself and colleagues my thanks for the polite attention bestowed on me when at St. Jérôme.

I have the honor to be,

Sir,

Your humble servant,

**WILLIAM MALSBURG,**

*Civil Engineer.*