

SITE No. 12, as shown on plan, is located on Mr. P. deMontigny's property and consists of 23 lots supplied by head race running inland, these lots to have tail races, &c., to carry off surplus water. The land at this point is nearly level, and can have direct communication with St. Jérôme by means of a road to join the Queen's Highway fronting the above property. Power for each lot about 119 horse power nominal.

SITE No. 12, consists of 21 lots situate on the property of Mr. Trudel, on the south side of the river. These lots are 50 feet in width by 100 feet in depth, supplied by a head race running inland, and having all necessary tail races, &c., &c. The number of these lots could be augmented by extending further south; the average power of each lot will be about 224 horse-power nominal.

After describing the different mill sites it would not be amiss to compare the difference of cost between steam and water power. Suppose we take in one case a steam engine of 25 horse-power nominal and in the other case a water wheel of the same power, and estimating 300 working days per annum the following will be the result:

Engines of the above construction with fixed boilers and the necessary connections complete will cost \$2400.00.

\$2400.00, a 7%	168.00
Depreciation if working 24 hours continuously will be 20% per annum	480.00
Engine man	600.00
Tallow oil and waste	81.00
Coal at the rate of 4 lbs per indicated horse-power per hour is 321 tons \$6.00	1926.00
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	\$3255.00

If we now assume that the first outlay for water power will cost \$37 per horse-power 25	\$925 at 7%	\$65.00
To this add depreciation of flumes which will last fifteen years, say	\$400 at 7%	28.00
Tyler wheel 25 horse-power under 10 feet head extra shaft 20 feet long		25.00
Depreciation and attendance	10%	40.00
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Annual cost of water power		158.00