

**THE WATERDOWN REVIEW**

Issued Every Thursday morning from the office, Dundas Street, Waterdown

G. H. GREENE  
Editor and Publisher  
Member C. W. N. A.

THURSDAY, OCTOBER 20, 1921

**NIAGARA FALLS DOOMED.**

**River May Be Dammed In Order to Make More Power.**

Ten years hence Niagara Falls may have disappeared. Mayhap the visitor will see but bare rock where to-day the waters take their awful leap into the chasm. Perhaps the authorities will turn on the Falls on special occasions and holidays when the power demand slackens. Van-dalistic as it sounds, Niagara seems doomed, if not in ten, then in twenty years' time. That is unless science meantime discovers other and more economic ways of manufacturing light, heat and power. To-day Ontario, thanks to Adam Beck, gets the lion's share of Niagara power, but the Yanks have designs on the Niagara river, and if the International Commission agrees to the scheme proposed the mighty waterway will yield nearly six times its present production of power—and the whole face of nature along the Niagara river will undergo a change.

It is not proposed to take the Niagara river bodily and force it through a pipe, but the scheme is almost as bold. To-day the river is generating a total of 650,000 horse-power, of which Canada's share by authorization of the International Commission which regulates the use of power, is some 425,000 horse-power. At present water can only be taken from above the Falls, the commission permitting the diversion of 56,000 cubic feet per second, of which the American share is 20,000 and Canada's 36,000. Ontario, however, supplies the American side with a certain amount of current. The new Chippawa Canal will increase Canada's power under international arrangement by some 210,000 horse-power, which it is hoped to eventually increase to 472,000.

Meantime the Yanks propose that the 56,000 cubic feet diversion be increased to 80,000, and, instead of getting the smaller portion as to-day, that both Canada and the United States go fifty-fifty, taking 40,000 each. But that is not all the Yanks propose. They hope eventually to get 1,500,000 horse-power from above the Falls. And this they would manufacture by tunnelling Goat Island. By extending Goat Island out into the rapids they could cut rock tunnels which, from the upper end to their base at the foot of the falls, would give a drop of 200 feet on to the turbine wheels. Of course, this and an equal diversion on our Ontario side would greatly reduce the size of the falls.

But this is only part of the scheme. The sequel means good-bye to the Whirlpool and the magnificent rapids in the gorge below the falls. The American engineers actually propose to dam the Niagara river at Foster's Flats below the Whirlpool and about five miles below the falls. To anyone who has seen the mighty river sweeping down towards Lake Ontario the very idea of controlling it seems preposterous. The Niagara has a minimum flow of 220,000 cubic feet per second. From the falls to Foster's Flats the river descends 102 feet, and for the first is terrific, and the shores sheer cliffs, hundreds of feet high. But Foster's Flats give the necessary shore base on which to start the dam which, 650 feet wide, would be 140 high from its base to the crest of the spillway on top. The daring engineers propose to build one-half the dam from Foster's Flats, to pierce it with temporary sluiceways and then to divert the whole Niagara river, and send it through these sluices, while they construct the balance of the dam in the dry bed of the diverted Niagara. Once the dam was built the river would obviously back up and rise in its confines until about 80 feet of the present bank at the Whirlpool was submerged, and the now madly rushing stretch of waters became nothing but one of the biggest mill ponds in the world.

The scheme would of course ruin Niagara scenically, and if it could be accomplished at all would cost an estimated \$100,000,000 and take three years. But the dam alone would supply two million horse-power, of which Canada would get one-half. As steam-generated power even around Buffalo, where coal is cheaper than in Toronto, costs an average of \$80 per horse-power per annum, the two million horse-power generated at the dam alone would mean an annual economy of at least \$160,000,000 in coal—160 per cent. of the dam's cost.

Where the owner of animals wishes to send specimens for examination he will find it to his advantage to consult his veterinarian, as he is in a position to advise as to what material should be submitted and how best to send it.—Dr. Ronald Gwatkin, Ontario Veterinary College, Toronto.

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Principal

**NOTICE OF APPLICATION FOR DIVORCE**

NOTICE IS HEREBY GIVEN that Mildred Emma Blackford, of the City of Hamilton, in the County of Wentworth, in the Province of Ontario, will apply to the Parliament of Canada at the next Session thereof for a Bill of Divorce from her husband, Albert Charles Blackford, of the City of Detroit, Michigan, in the United States of America, Editor, on the ground of adultery.

Dated at Hamilton, Province of Ontario, the 22nd day of August, 1921.

SENDER, MORGAN & WALSH, Solicitors for Applicant.  
ANDREW T. THOMPSON, K.C. Ottawa Agent.

**Notice of Application For Divorce**

NOTICE IS HEREBY GIVEN that Allen Richard Morgan of Hamilton Beach in the County of Wentworth and Province of Ontario, Time Clerk, will apply to the Parliament of Canada at the next Session thereof for a Bill of Divorce from his wife Christina Flower Morgan of the City of Aberdeen, Scotland, on the grounds of adultery and desertion.

Dated at Hamilton, Province of Ontario, the 5th day of October, 1921.

ORVILLE M. WALSH, Solicitor for Applicant,  
ANDREW T. THOMPSON, K.C. Ottawa Agent.

**VOTERS' LIST, 1921**

MUNICIPALITY OF THE

Township of East Flamboro

Notice is hereby given that I have transmitted or delivered to the persons named in Sec. 9 of the Ontario Voters' List Act, the copies required by said section to be so transmitted or delivered of the list made pursuant to said Act of all persons appearing by the last revised Assessment Roll of the said municipality, to be entitled to vote in the said municipality at elections for members of the Legislative Assembly, and at Municipal elections; and that the said List was first posted in my office at Waterdown, on the 2th day of September 1921, and remains there for inspection.

And I hereby call upon all voters to take immediate proceedings to have any errors or omissions corrected according to law.

L. J. MULLOCK, Clerk of Said Municipality.

**For Sale**

Mrs. Keir will sell her Cottage on Main street cheap if sold at once.

**For Sale**

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Phone 141 Waterdown

**For Sale**

A Square Piano in good condition, \$50. and 1 Hotblast Stove, coal or wood, also a quantity of stove pipe at half price. Mrs. A. L. Henry, Mill street.

**Wanted**

To purchase a lot in Waterdown Apply at Review Office.

**For Sale**

4 Young Fresh Milch Cows. Apply to J. B. Poole, R. R. No. 2, Dundas.

**For Sale**

About 4 acres of cabbage, cauliflower, turnips and beets, mostly stock feed, some waste, examine and make me an offer. F. W. Van Luven, Inksetter farm.

**For Sale**

Good Bed, springs and mattress Apply to Blake Binkley, Mill St. Waterdown.

**For Sale**

Baby Carriage in A 1 condition Apply at Review Office.

**For Sale**

6 Young Pigs 10 weeks old. Apply to O. L. Miles, Waterdown

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Waterdown Ontario

**C. W. DRUMMOND**

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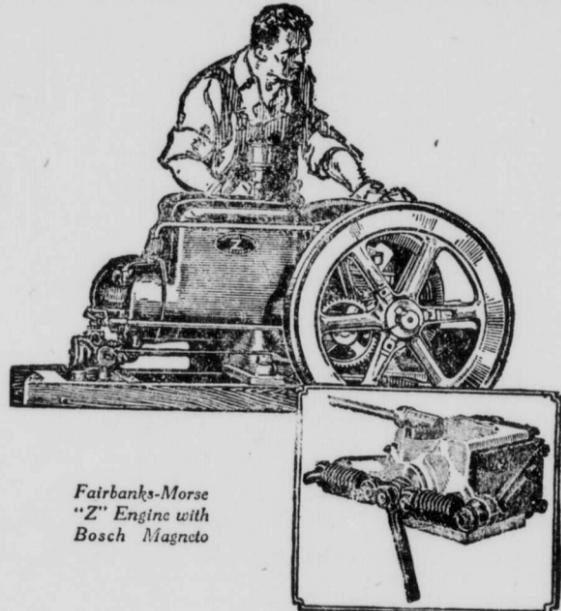
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