

LOCAL ITEMS

We buy everything you want to sell. McGuire & Co.

In Toronto the building permits for March, were double those of last year.

We buy and sell everything. Bowen's, 31 Niagara St., corner Churon and Niagara St. Phone 1088. a 17

From the confusion said to reign in Ottawa, the general opinion seems to be that the coalition is a little shaky.

Hear Mr. Art Chater at Griffin's tonight in songs that you like to hear. a 2 3

It is said that architects are now busy throughout the country producing sketches of War Memorials.

Mr. Fletcher, manager at Griffin's has arranged with Mr. Art Chater, the popular local singer, to appear every evening as an extra attraction. a 12 3

The Falls Review states that Bert Decker, of Merriton, and Frank Cawker, of St. Catharines were fined \$10 each for having too good a time in that city.

Mr. Art Chater at Griffin's every evening commencing tonight. Don't fail to hear him. a 12 3

It is officially announced that in most Ontario counties there is no longer work for Senior and Junior Judges, and that only one will be appointed hereafter. Prohibition doubtless helped a lot to bring this about.

Wanted—Six men for the Fire Department, applications to be in by 6.30 Thursday, April 3. Returned men and married men preferred. Applicants will appear before the Fire Committee at the Central Fire Hall on April 4th, at 7 p.m., Ald. Westwood, Chairman. Apply The Chief, Fire Department. Ar-2-3

An English Judge has decided that one has no right to fruit growing in his neighbor's garden and partly hanging over the fence which divides the land.

Special Officer M. Evans, who for the past two years has been engaged by the G. T. R. to watch out for thieves in the freight yards at Niagara Falls, Ont. has been arrested on the charge of robbing the cars there.

On Monday last 100 men employed in the Welland Ship Yards were discharged from work there.

The New Hampshire Legislature, true to its old Puritan traditions has forbidden all classes of Sunday games.

The latest Agricultural reports for Ontario state the fall wheat to be in fine condition after the winter.

Mr. N. B. Colcock, who started and for many years owned the Welland Telegraph, died lately in London, England, where for a number of years

ALL KINDS OF Furniture and Household Goods BOUGHT AND SOLD J. WILLIAMS 14 St. Paul Street West

OUR BEEF, MUTTON, PORK and other meats are strictly high grade. They are from especially bred stock and are far superior to meats cut from common breeds. It will take only one trial to prove our meats' superiority in spite of the fact that they cost no more. C. H. SHELLY Meats and Provisions Lake Street and Chaplin Avenue Phone 1883

New Royal Hat Cleaning Co. Ladies' and Gent's Straw and Faux hats—Cleaning, Bleaching, Dyeing and Re-blocking. Latest Styles. 64 James St., St. Catharines

He was Agent General for Ontario.

In the passing away of W. Moore, Thorold Township loses one of its oldest residents. He was in his 88th year, being born in the house he died in and was the first child to be christened in the old Methodist Church at Beavercreek. He leaves to mourn his loss two sons Russell and John, both of Thorold Township. The funeral will be held on Friday afternoon to Fonthill for interment.

The many friends of Mr. and Mrs. Geoffron will learn with regret of the death of their daughter, Lillian, aged 6 years, which occurred last evening at the family home on Front street, Fort Dalhousie after a few days' illness.

In Guelph yesterday two foreigners—John Nasadick and Jimmie Geovanza—were charged by a coroner's jury with murdering Alex. Dutki.

In the U. S. the business of spool making is a busy and prosperous one as 800,000,000 are turned out annually and the wood used is not very fit for other articles.

Mr. C. Moore, of this city, who has been visiting friends at Niagara Falls, N. Y., has returned home.

Lt.-Col. R. W. Leonard has returned from the Pacific Coast.

While in this city, Sir Robert Falconer, president of the University of Toronto, was the guest of Lt.-Col. and Mrs. R. W. Leonard.

A very pleasant evening was spent at the home of Mr. and Mrs. Norman Powell, 48 Beach Street, last night, when they entertained the members of the "Jenny Lind" orchestra. The former part of the evening was spent in rehearsing some splendid selections, after which a social time was spent. This orchestra which has only been organized a short period are already filling engagements, and have a number to fill in the very near future. They will appear at St. David's on Tuesday, April 8th, at a concert which is being given by the Presbyterian Church of that place as well as another one which will be given by the Methodist Church of Virgil in about three weeks time.

The many friends of Lance-Corp. Joe Luther will be pleased to learn that he has returned to this city from overseas. He came in Sunday evening but owing to the immense crowd at the station, the Journal was unable to get his name at the time of his arrival.

There will be a jollification at the Grand on Monday when "The Final Settlement," the screamingly funny comedy drama with its sparkling music and twinkling dances will be presented by the ERNIE MARKS company as the popular comedian Ernie will offer an evening of hilarity and laughter. If you miss it you will be sorry in the morning.

The Navy League. Hear Mr. Peter Wright's convincing story of the British Sailor and the German menace, Tuesday evening in the Collegiate Hall. All invited. Seats free. a 3

Put your money into War Savings Stamps and let it work.

Go to the Grand Monday evening if you wish to enjoy an evening of fun, when the Ernie Marks company will present "The Final Settlement" the funniest popular price attraction on tour will be seen, as ERNIE MARKS the popular fun maker is the king-pin of his tribe in the comedy role—there is nothing funnier on the stage.

Australian employers are liable to a fine of \$2,500 for failing to reinstate returned soldiers, which may be ordered paid to the employee. A similar enactment in Canada would cause some factory heads to "sit up and take notice."

NIAGARA SHOE REPAIRING MODERATE PRICES 166 NIAGARA ST. e o d m 26

New Royal Hat Cleaning Co. Ladies' and Gent's Straw and Faux hats—Cleaning, Bleaching, Dyeing and Re-blocking. Latest Styles. 64 James St., St. Catharines

WANTED Furniture of all kinds bought, sold or repaired. Highest prices paid for all furniture. Call at MY LUNCH 11 James Street Or Phone 1962

Motorists, Attention!

Our Soldiers Are Coming Home Some On Almost Every Train

Will You Help? We want volunteers with motor cars to meet the boys, to give them a welcome hand and help them reach their homes again.

Will You Do Your Bit? You will only be called on a few times each month. Kindly notify A. H. Wallace, 97 St. Paul street, at once and arrangements will be made which trains you will be required to meet.

Under Auspices St. Catharines Auto Club A. H. WALLACE, Chairman Reception Committee Repatriation League

NOTICE To Consumers of Gas

"On March 25th the City Council passed the following Resolution: That the Public Utilities Commission be notified to discontinue the operation of the Civic Gas Plant for the sale and distribution of gas on and after the 15th June, 1919, and that the Commission be requested to serve notice of such discontinuance upon the customers served by the said Gas Plant so that they may make other arrangements before that date."

In accordance with this Resolution the supply of gas from the City Gas Plant will be discontinued on June 15, 1919. Public Utilities Commission

Buy War Savings Stamps. War Savings Stamps pay 4% per cent. compounded half-yearly.

A screamingly funny comedy drama "The Final Settlement" comes to the Grand on Monday evening when Ernie Marks in the title role and Miss Kittie Marks as the winsome sousette will furnish the chief fun of the evening.

Edgar Cramond, a prominent British financial writer, estimates the direct cost of the war to the allies at 28,360,000,000 pounds sterling, and to the Central European Powers at 13,675,000,000 pounds. He estimates the total cost of the war, including indirect losses, at 52,000,000,000 pounds. The finite mind is unable to grasp what these figures mean.

Another meeting of the Housing Committee was held last night at the City Hall. It will convene again on Tuesday night next.

The village council at Beamsville will not take any action regarding daylight saving at the present time. They will wait a decision of other municipalities in the district and also the Railway Commission, who have summoned the railways to explain why they adopted it without consulting the Commission. If the various municipalities adopt the new time, Beamsville will have to fall in line.

Captain Lovelace, of this city, will speak in the Evangelical Church, Campden, on April 9th, on "Experiences and Observations" in the war.

Electrical Cooking Turns Labor to Pleasure

No invention surpasses McClary's Electric Range to relieve woman-kind of so many disagreeable tasks in the kitchen. No roaring fire, no overheated kitchen, no ashes, dirt or fumes. See and be convinced that it is the safest, cleanest, quickest and easiest way of cooking.

J. H. SANDHAM COMPANY ELECTRICAL DEALERS Sole Agents 237 St. Paul Street Telephone No. 1112 We Are Still Selling Canadian General Electric Irons at \$4.50

USE A HYDRAULIC RAM Now Recognized As the Cheapest Power for Pumping.

When and How It is Used—Complete Information Given—Tubercular Cows a Menace to Health—How Tubercular Test is Made—Why It Pays Farmer to Test Cattle and to Discard Reactors.

(Contributed by Ontario Department of Agriculture, Toronto.)

WHERE conditions are suitable for a hydraulic ram it is without question the cheapest and most satisfactory method of pumping water. It has one drawback—it wastes far more water than it pumps to the buildings, and hence can only be installed where the supply is from five to twenty times as great as required at the buildings. The efficiency of the ram is from 25 to 30 per cent., i.e., it uses 75 to 80 per cent. of the energy of the falling water. Suppose the spring supplies 10 gallons per minute and the fall from the spring to the ram is five feet. Multiply these together and then take 65 per cent. of the product, and we have the energy available for driving water to the buildings.

Energy in this case 65-100 x 10 = 5 foot-gallons—32.5 foot-gallons.

Now divide this by the height of the buildings above the ram and we have the number of gallons the ram will deliver per minute at the buildings. If, for example, the height is 32.5 feet then:

Number of gallons per minute—32.5 divided by 32.5=1 gallon, which is 1-10 of the water supplied by the supposed spring.

Number of gallons per day—60 x 24 = 1,440 gallons (about 29 barrels). Consequently with five feet of head and 32.5 feet of lift the ram will deliver at the buildings 1-10 of the water in the spring. The quantity that will be delivered with other heads, lifts and spring-falls may be calculated in a similar way.

Generally speaking it is found that for each 10 feet of lift there should be one foot of head, but there is a limit—it is seldom advisable to install rams where the head is less than say two feet, although they have been known to work with as little as 18 inches. The length of drive pipe should not be less than three-quarters of the vertical lift to the buildings, nor less than five times the fall from the spring to the ram. It may however, be longer, but seldom exceeds 50 feet, and 75 feet might be taken as an extreme length for sizes of ram suitable for farm conditions. If too long a drive pipe is used, the extra friction it presents the water from striking as heavily or as frequently as with a drive pipe just the right length.

The cost of installing a ram is not great. For the smallest size of ram it will run in the neighborhood of \$25 to \$35 and about \$15 extra for each hundred feet between the spring and the ram. Thus if they were 100 feet apart the total cost would be from \$40 to \$50, but if 200 feet then from \$55 to \$65, and other distances in proportion. The largest size of standard ram can be installed at about \$100 if the ram and pump are 100 feet apart, and \$125 if 200 feet apart.—R. M. Graham, B.S.A., O. A. College, Guelph.

Tuberculosis in Cattle. One reason why farmers should have their cattle tested for tuberculosis is the financial loss which they suffer by having tubercular animals in their herds. As the disease is at first slow in development and does not induce sudden death, like anthrax, black leg or hog cholera, the farmer does not realize the loss that he endures by having tuberculosis in his herd until one or more animals develop the disease in an advanced degree and die or are slaughtered, when they are at once seen to be gotten with the disease. Such animals will have had the disease a long time without it being suspected and will have been giving off in their milk saliva and droppings, large numbers of tubercular bacilli. In this way the bacilli are spread around, the food, water and atmosphere in the stable get contaminated with them and other members of the herd contract the disease from these contaminated materials.

The tuberculin test will indicate whether or not an animal is tubercular long before any clinical symptoms are visible, thus enabling one to deal with such an animal before it becomes a dangerous spreader of the disease.

When an animal is shown to be tubercular it should not be allowed to mix with the rest of the herd. When cattle are purchased to add to the herd it should be only when subjected to the tuberculin test, as cattle may have every visible indication of good health and yet be tubercular, the disease not yet having developed to an advanced degree.

It is therefore strongly recommended that farmers: 1st. Have their herds tested for tuberculosis annually. 2nd. That they slaughter the animals that have the disease in an advanced degree. 3rd. That they separate the cattle that react to the test from those which do not react. 4th. That they remove the calves from tubercular mothers as soon as dropped, and feed them on milk from healthy cows or on their mother's milk after it has been properly pasteurized, i.e., after it has been heated to 145 deg. F. for half an hour. 5th. That they apply the tuberculin test to every new purchase of cattle that are to be placed in the clean herd. 6th. That the herd be tested with tuberculin annually. Obtaining Tuberculin For the Test. The manufacture and supply of tuberculin is kept under the Dominion Government control. It is required that a veterinarian be employed by the farmer to make the test.—Prof. Dan. H. Jones, Ontario Agricultural College, Guelph.

W. E. LONGDEN has taken over the premises 114 Queenston Street where he will continue to serve the public with High Class Groceries. Deliveries Every Day Telephone No. 711

A Snap—\$300 will buy my nice building lot, or will exchange for auto in good condition. Lot 35 x 111 feet. No. 2 Gunnsdale Gardens, Facer street. Clear deeds. Address KNOWLES 38 Cameron avenue, Windsor, Ont.

Clothes Cleaned, Pressed and Repaired at Short Notice. 43 Geneva Street JOURNAL CLASSIFIED ADS PAY ADVERTISE IN THE JOURNAL



Boys' Suits \$7.95 to \$12.50

Here's a range of Suits for Boys 8 to 17 years old that every father and mother should see who wants real value for their money.

All Sanford made, and the materials are good strong Tweeds, Cheviots, Cassimers, Worsteds and Serges, in neat mixed patterns of greys, browns, olives and blues, besides some plain greys and blues.

Three lines of Boys' Caps goes as a big special at 59c, 79c and 98c.

New Shirt Waists, fancy or plain, white and French cuffs, 65c to \$1.50.

Little Lads' Spring Hats, Tams, Rah Rah's and Turbans, 79c to \$1.75.

The best range of Boys' Separate Pants in the city—Tweeds, Fancy Worsteds, Blue Serges and Cords, \$1.25 to \$3.50.

OAK HALL Clothiers and Furnishers

NIAGARA ST. CATHARINES LINE Boat Service Toronto

Effective March 31st (weather permitting) daily except Sunday. The steamer Dalhousie City—Passenger and Freight service. Leave Port Dalhousie 8.30 a.m. Leaves Toronto..... 5.00 p.m. Cars to and from all points connect with steamer. For further information please see Local Agent.

FOR SALE Loan for lawns delivered to any part of city or vicinity Telephone 1227

LUMBER James M. McBride & Sons George St., Near Welland ave Telephone 14W

Used Cars For Sale Chevrolet Touring Car, \$500 Abbott 7-Passenger, \$350 Cadillac 7-Passenger, will make a good delivery car, Light Delivery, \$375 Reo Touring, \$300 McLaughlin with Electric Lights, Generators, Storage Batteries, Good Tires, \$300 Overland 1918 Country Club, newly painted brown color, white wire wheels, good as new, one of the best riding cars made. Good bargain. Call and see it Maxwell Roadster, \$650 GILMORE GARAGE 250 St. Paul Street

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JOURNAL CLASSIFIED ADS PAY ADVERTISE IN THE JOURNAL

CHAU... \$12,000 No... A lot of Women's Black Kid, 10" top, laced boots. Known \$8. Change Hands Price... 49 Pair Men's... A lot of 112 pairs Women's... A big assortment of and dress boots, tan sizes up to 5. Change 2.98 22 pair M... It is impossible to do at the street. God can do at the forever. It is the trade that Lock your door. Buy your own picture to buy, buy TH... E. H. Dic...