

Engagements

Mr. and Mrs. Peter J. Thieson, R.R. No. 5 Rockwood, wish to announce the engagement of their daughter, Helen, to Leslie Elmer Swackhamer, son of Mr. and Mrs. James Arthur Swackhamer, R.R. No. 2 Acton, the marriage to take place on September 9th at Barrie Hill United Church.

BALTIMORE

Wilfred Binnie Dies Only Son of Alex.

Thrashing is the order of the day. Quite a lot of wheat was badly grown, owing to so much wet weather. Mr. Wilfred Binnie passed away in Guelph General Hospital. He was the only son of the late Mr. and Mrs. Alex Binnie. He leaves to mourn his loss two sisters, Mrs. Dick Arnold (Ethel) of Guelph and Mrs. Norman Adamson (Nora) of Streetville. Interment took place in Guelph Cemetery. Mr. and Mrs. Lawrence Hobbin of Copper Cliff spent a few days last week with Mr. and Mrs. Arnold McNery. Mission Band was held on Sunday. Mr. and Mrs. Ken Cotton and family are holidaying in Masford. Mr. and Mrs. Gibb and Bruce have returned from holidays. Mr. Gibb occupied the pulpit on Sunday.

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This week is your last chance to get ROGERS 1847 PLATWARE at present prices. Increased prices become effective Monday, August 28th.

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If you are now saving or are contemplating starting on any of the following patterns: ADORATION ETERNALLY YOURS FIRST LOVE REMEMBRANCE

You'll save money by placing your order before the end of this week.

RACHLIN JEWELLERY and GIFT SHOPPE

Substation Change In Mid-September

(Continued from Page One) the project of providing a private office for the Clerk to the Commission. After reviewing the proposed changes, Commission felt that some other plan should be studied before work was commenced. This matter was left over for further consideration by the Commission.

Table with 2 columns: Account Name, Amount. Includes Hydro Department, Bell Telephone Co., H.E.P.C. of Ont., etc.

Secretary McGeechie reported that \$3,000.00 had been transferred from the Town Account to the Waterworks Account in order to pay for the pipe and fittings bought for the extensions to the waterworks system and for the renewal of services under the permanent roadways. The Commission has followed a policy of renewing all service pipes under the highways where the pipes have become rusted. The new services are being laid with copper piping for a permanent installation.

CLEARING AUCTION SALE

Livestock, Horse Drawn Implements, Tools, Furniture, etc. The undersigned have received instructions from MRS. DOBA KLAUNEN to sell by public auction at her farm on No. 5 Highway, one mile east of Trafalgar, on

SATURDAY, SEPTEMBER 2 at 1:30 o'clock the following:

- CATTLE - One Holstein Cow, milking, due in Nov.; one Jersey Cow, milking, due in Nov.; Two Holstein Heifers, due in Dec.; One Holstein Heifer, 2 years, not bred; One Jersey Cow, in full flow, bred again; 1 Jersey Cow, due time of sale; 10 Yorkshire Hogs, 100 lbs. each. POULTRY - 125 Leghorn Pullets, laying; 50 Rock Roosters; 2 Geese; 24 Goslings. FARM IMPLEMENTS, etc. - One Tractor 3-furrow; Cockshutt Plow; Cream Separator; One Grain Drill; Deering Mower, 3 ft.; Wheel Cultivator; Rubber-tired Farm Wagon and Trailer; Electric Saw and Frame; Electric Brooder; Electric Motor, one-sixth h.p., 25 cycle, large quantity of Brooder and Poultry Equipment; Slush Scraper; Walking Plow; 3 Scaffolds; Horse Disc; Quantity of Wire Fence; Number of steel posts; Dump Rake; Drag-Harrow; Lawn Mower; Steel Wheelbarrow; Large Steel Tank; Oil Barrel; Extension Ladder; Quantity of Rock Wool; Insulation; Quantity of Electric Equipment; Hay Fork; Harness; Number of cement blocks; number of 4" Tile; set of Truck Chains; Small Quantity of Grass Seed; Logging Chains; Forks; Horse Shoes and some Carpenter Tools. FURNITURE - One Kelvinator Electric Refrigerator, 1-year-old; Electric Washing Machine; Electric Radio; Electric Stove, G.E.; Twin Single Beds, poster style, dresser and chest of drawers to match; Antique Dresser; 2 Floor Lamps; Dining Room Suite, 6 chairs and buffet; Studio Couch and 2 chairs to match; Singer Sewing Machine; Drop Head, Electric Humidifier; new; Odd Electric Lamps; Odd Fancy Table; Six Steel Single Beds and Springs; Library Table; Wardrobe; Odd Wash Stands; Kitchen Sink; Odd Tables and Chairs; 1 Cook Stove; 1 Heater; Electric Heater; Tennis Net, new; Ice Box; Store Scales; Skates & Boots; Hall Seat; Dishes; Cooking Utensils, etc. No Reserve as farm is sold and proprietress is leaving for Denmark. Nothing to be removed until settled for. TERMS: CASH Settlement with Clerk Day of Sale Hindley and Elliott, Auctioneers Ph. 1973 Rockwood or 177J Milton C. Eves, Clerk

ROY'S TAXI

DON'T BE LATE

PHONE 128

Halton County Health Unit Report on Dental Survey

The following is the report by Dr. O'Meara on the first year of the dental public health project, conducted under the Halton County Health Unit.

Over a period of years, more and more local school boards in the primary schools. Now, practically all rural school children have this service. This program has been made possible by the Provincial Department of Health making available funds for this purpose. The Department pays 30 per cent of the cost of treatment. Locally, agreements have been made between the local school boards and the practicing dentists whereby the dentists do this work at a moderate hourly rate.

With free dental treatment available, one would think that Halton County school children would be dentally perfect. However, this has not been true. By far, the most common defect found in school children has been dental decay. It became obvious that children were going to the dentist only when something drastic occurred, such as an aching tooth, a dental abscess, a huge cavity or when urged by the school nurse or physician. The treatment program had become solely a reparative rather than a preventive service.

Under the new federal health grants made available in 1948, funds were allocated for strengthening existing health services, initiating new services and studying public health problems. It was obvious that Halton County offered an unique field for the study of dental public health problems. The Provincial Department of Health made available ample funds from federal health grants to allow authorities to attack this major problem. This grant was to be used for several purposes: (1) to assess the magnitude of the problem of careful dental examination of school children; (2) to promote better health habits by an intensive program of education; (3) to evaluate the results of the treatment program; (4) by correlation of the educational and treatment service, to attempt to improve the dental health of our children. It was not to be used for payment of treatment.

It is emphasized that the entire funds for this work are derived from federal health grants and are not a charge on the local taxpayer. The federal authorities will be amply repaid if reliable information can be obtained from this and other surveys. It is a long range project and results may not be apparent for some years.

The new dental program made possible by the federal grant began on October 1, 1949. Between that time and the end of June, 1950, all the primary schools in the county were visited and all the students, except those absent at the time of the visit, were examined. In this way, a total of 3,063 children were seen. It was intended to examine the secondary school students too, but there was insufficient time. It should be possible to include these next year. Also, it is hoped later to see as many of the pre-school children as possible. This is of the greatest importance.

An unusual feature exists in Halton County in that two fifths of the primary school population can obtain dental treatment from private practitioners at no direct cost to themselves. The accounts are paid by the respective school boards, 70 per cent from local taxation and 30 per cent from a Provincial Department of Health grant. The parents of the remaining three fifths of the school children pay the cost of dental treatment themselves. There is a situation present, therefore, which affords the opportunity of a study of the value of a free dental treatment. In this report, for the sake of brevity, those whose treatment has been paid for by the school board have been classified as "Aided" while those who pay for their own treatment have been called "Unaided."

The aided scheme has been in use in nearly all the schools of the four townships of the county for varying periods of time. The five townships of the county have not made use of it until January, 1950 when one, Georgetown, introduced it. As the children of that town were examined before that date, this would not affect the comparison. Of the four townships, Wellington has used the plan since 1943. However, the average per capita cost of treatment for the first five years, until 1947, was less than \$1.00 for each school child. In 1948 it was nearly \$4.00 per head.

Trafalgar Township began the plan in 1946 but the cost for the first two years was again less than \$1.00 per head. In 1948 it was over \$2.00 and in 1949, \$7.00 per head.

Essex Township introduced the plan in 1948 but little use was made of it until 1949 when the cost was \$4.42 per head. Nassagaweya Township, much the smallest of the four, brought in the scheme in 1944 and, here alone, the school children seem to have availed themselves of the opportunity from the start. The annual cost has remained very constant and, in 1949, it was \$3.36 per head. It might be added that the dental health of these children is

generally better than elsewhere, although there is no dentist in the township. It is noteworthy that, although a public health dental officer was not appointed until late in 1949, there was a very marked increase in the amount of treatment carried out in 1948 and 1949. It could not be just a coincidence that the Halton County Health Unit came into existence in September, 1947 and an adequate staff of public health nurses regularly visited the school. It is surely an excellent example of what public health education can do and of how useless any such treatment plan is unless it is related to an educational program. In attempting to evaluate the benefits of this aid plan it is necessary to consider any other factors which may influence the results. The more important of these are:

(a) Economic status: Although this would not affect the aided population, it would the remainder. The aided schools are mainly rural or semi-urban while the others are all urban. However, the towns in the county are generally prosperous and the economic level fairly high. The number of children unable to obtain treatment for financial reasons would likely be small.

(b) Availability of dental treatment: Because the unaided schools are generally in the towns, these children have a much greater advantage. In rural areas, the difficulty of obtaining transportation to the towns for treatment is undoubtedly an important factor. As in other parts of the province the number of dentists is inadequate to cope with the work. However, Halton County is probably better served than many other districts. There are 16 dentists in the County, at least 2 in every town, besides those in the near vicinity. All the dentists in the county are giving treatment to children, some to a greater degree than others.

(c) Nutrition: The economic status of the population would also have some bearing on nutrition. However, there is a danger of over-emphasis in this respect. Generally speaking, one would expect the children in rural areas to have a better diet than those in the towns. Milk, vegetables and fruit are more readily available. In spite of this, the teeth of 5 and 6 year old children were found to be rather worse in rural than in urban areas.

(d) Environment: From a dental viewpoint the main importance of this is the availability of the candy store. Research into the cause of dental caries in latter years has demonstrated a very close relationship between concentrated sugars such as are found in candies and soft drinks and to the decay. Children in the towns have far greater access to these than those in the country.

The effect of all these factors and others on the findings is very difficult to estimate. The problems of nutrition and of excessive sugar consumption are of course inter-related and the solution is nutritional education. The need for this cannot be too greatly stressed. When one comes to consider the effects of this aid plan as compared with the remainder, it must be borne in mind that it has really only been in operation for from 2 to 2 1/2 years at most.

Apart from Nassagaweya Township, which has only one eighth of the aided school population, the amount of work done before 1948, at less than \$1.00 per head per year, can have been little more than emergency treatment, i.e. extraction of aching teeth. No great differences can therefore be expected.

The findings show without any doubt that the aided scheme is giving benefit and procuring better dental health for the children. With the more intensive dental education which is now being carried out, this improvement should be progressive among all the school population. Future annual examinations will show if this is the case. It must be remembered that as more dental treatment is carried out, so will the cost increase. At the present time, even among the aided schools, only 43 per cent of the necessary treatment is being done. In the unaided schools even a smaller proportion of it is carried out. This does not include pre-school children. The school boards must therefore be prepared to incur heavier expenditure to cope with it. How much heavier

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HAROLD WILES' PHONE 58