

cient and prompt freight service are likely to be results. The bright side in every case is considered, but the drawbacks are generally overlooked. The many crossings on some roads leading to town will be a barrier we can hardly yet appreciate, nor will we fully realize the situation until the road is in full operation. As a single instance, let us look at the road north from Hutton Hill to Aberdeen, and this is only one example. Residents in the locality named will have a crossing near the Hutton Hill cemetery, and a dangerous one on the course going north. There will be another crossing at the Durham cemetery, and still another in Durham itself before reaching the business part of the town. Timid persons, who have been in the habit of driving to town for years, will have more or less dread when the railroad is in operation, and with many the trips will be made as seldom as possible. To lessen the danger should occupy the attention of the town and township councils from different localities, and a little expenditure would be necessary to open up some of the hitherto untravelled roads in the townships. This is a mere suggestion, but a suggestion on which a large amount of public safety depends, and the interested public should demand a careful consideration of the facts.

THE SEWAGE QUESTION.

Last week we gave a lengthy report from Engineer Ross on a sewage system for the village of Bridgeburg at the head of the Niagara River. In that report the engineer pointed out clearly the view of the Provincial Board of Health, who are determined not to permit of the disposal of sewage in its crude state into any stream or body of fresh water. We notice since that the town of Shelburne is making provision for a sewage system, and the last issue of the Economist of that town gives the "Report of the Engineers on Sewage System for Shelburne." From this report we clip such extracts as may be of general interest and therefore applicable to our own town.

In dealing with the subject of sanitation we are quite aware of the fact that antiquated fossils are close on our heels to defeat the views of modern thinkers whose opinions we are giving. The question of public health is of more importance to the rising generation than the expenditure of a few thousand dollars by a town to ward off the certain death and disease that now lurks in modern cess-pools and the unsanitary conditions of far too many of our towns and villages. The report of the engineers, Connor, Clarke and Monds, reads in part as follows:—

GENERAL.

Shelburne is located on the Owen Sound branch of the C. P. R., about 65 miles north-west of Toronto, at the height of land between the Georgian Bay and Lake Ontario. The elevation of the base of rail at the C. P. R. station is 1624 feet above mean sea level, with which may be compared the elevation of Lake Ontario 246 feet above the same level.

No systematic attempt at drainage has yet been made, and the result is that the few existing drains are quite unsanitary and the roadways in the business section have such a poor foundation from the lack of sub-soil drainage that at times they are almost impassable.

House sewerage is largely taken care of by the use of cess-pools, which, as usually constructed, form an extremely dangerous method of disposal. To be convinced of this it is only necessary to be within a reasonable distance of one which is being opened for repairs. The sole defence against disease from this source lies in the reliability of the plumbing.

The soil underlying the town is for the most part a fine sand, which, if wet, forms into quicksand. This feature makes excavation more expensive than in clay, as all trenches over a moderate depth will require close-sheeting and possibly a considerable amount of pumping.

SEWERS.

Two systems of sewerage are in common use, the older of which is called the combined, since the one conduit carries off both domestic sewerage and the surface water from the streets and roofs of houses. The more recent system is known as the separate, from the fact that separate pipes are supplied to carry the house sewerage and the storm water.

Where the combined system is installed throughout an entire town, the trunk sewers must usually be large enough to handle from fifteen to thirty times the amount of the domestic sewage, so that the latter is almost negligible in proportioning the sizes of the different sewers. During dry seasons practically the only flow in such sewers is that derived from the domestic wastes, which is too small in quantity to make the system self-cleansing—solid matter is then deposited along the bottom and decomposes, with the result that the sewer becomes fouled and forms a menace to the health of the town.

On the other hand the amount of domestic sewerage from a definite popu-

lation is a fairly well known quantity, and with a system properly designed for this quantity no fouling of the sewers will occur, as the pipes are running partially filled all the time. Furthermore, the Provincial Board of Health now demands a certain amount of purification of the off flow before allowing it to discharge into the neighboring streams, and as a matter of economy it is desirable to treat only the sewage which requires purification. In general it may be said that storm water does not require to be treated to prevent pollution of the streams. Hence it is desirable to separate it from the domestic sewage which must undergo purification. The separate system provides one pipe to carry the house sewage only, and a second where necessary to carry off surface drainage and roof water.

The main advantages of the separate system are then:—(1) Cleanliness; (2) cheapness; (3) provision for disposal.

It is scarcely necessary to add that it is the system we recommend to be installed in Shelburne.

DISPOSAL.

Domestic sewage contains numerous elements which, if allowed to flow direct into the streams of the district, will pollute the waters and possibly give rise to disease in addition to forming a nuisance. Many different methods of treatment have been tried, such as mechanical filtration, chemical precipitation, and broad irrigation or sewage farming, the main object sought being to prevent putrefaction of the sewage. It is only within very recent years that sanitarians have come to understand that sewage contains within itself all the necessary agents for its own purification, and that these previous efforts were all working to retard nature's own processes. The agents referred to are minute living organisms known as bacteria, which, while ordinarily found in comparatively small quantities in the sewage, will propagate to a remarkable extent, when cultivated under favorable conditions, and will feed upon the sewage and so alter its nature that it leaves the disposal station in a comparatively pure state.

DURHAM ENTRANCE LIST, 1907.

The following is the list of the successful Entrance Candidates at the examination held in Durham June last. For honor standing 75% of the total marks were required. The certificates of those who have passed and the marks of those who failed will be sent in due time to teachers or candidates.

HONOR STANDING.

- Burns Nellie, No. 1, Normanby.
- Colling Garfield, Durham.
- Farquharson, Jamie "
- Wright Mary "
- Ector Fannie M., No. 3, Glenelg.
- McPhee Edie F. N. 3, E. & N.
- Patterson Edith, No. 12, Egremont.

PASS STANDING.

- Browning Willie, Durham.
- Burgan Russell "
- Currie Marion "
- Darling Clarence "
- Davidson Jack "
- Hunter Grace "
- Hutton Arthur "
- Knisley Ruby "
- Kress Harper "
- Lauder Laudell "
- Mitchell Maggie "
- McComb Gertrude "
- McGowan Jeanie "
- McGowan May "
- McLachlan James "
- Peel Lauretta "
- Ramage Agnes "
- Reid Edna "
- Whitmore Merle "
- Aldern Mary F., No. 7, Proton.
- Maher Vernon T. "
- Anderson Mabel, No. 9, Bentinck.
- Shewell Alfred "
- Backus Arthur, No. 1, Normanby.
- McAlister Willie "
- Cumming Mary, Sep. School Dornoch.
- Gillen May "
- Edge Herbert, No. 3, Glenelg.
- Greenwood Clara "
- Greenwood John "
- Ritchie, Emma M. "
- Spittell, May "
- Edmonds Emily, No. 2, Bentinck.
- Willis Hazel H. "
- Ferguson Bella, No. 12, Egremont.
- McFadden Nina "
- Reid Blanche "
- Grierson Nathan, No. 3, Bentinck.
- Livingston Wilford "
- Henderson Irene, No. 10, Egremont.
- Lawrence Charlie, No. 11, Bentinck.
- Mountain Florence "
- McDougall Catherine, No. 6, Bentinck.
- Walker Elizabeth, No. 3, Egremont.

The following schools passed all sent up:—Durham, Miss Margaret McKenzie, Teacher; No. 7, Proton, Miss Fanny M. Bell, Teacher; No. 2, Bentinck, Mr. R. A. Thompson, Teacher; No. 3, Glenelg, Mr. G. Arthur Weir, Teacher; No. 3, Egremont, Mr. E. E. Kells, Teacher; No. 1, Normanby, Miss M. M. Adair, Teacher; No. 3, Egremont & Normanby, Miss Annie Stevenson, Teacher; No. 12, Egremont, Miss Jennie S. Irwin, Teacher; No. 3, Bentinck, Miss Gertrude McLeod, Teacher.

Jamie Farquharson heads the list and Nellie Burns, of S. S. No. 1, Normanby, (Miss M. M. Adair, teacher) comes second.

Additional Locals.

ALL kinds of canvas and outing shoes at easy prices at Peel's.

New work and repairing properly and promptly attended to at Peel's.

BUY your Binder Twine at Murdoch's. Four Brands. Right prices.

SNAPS—Some Women's and Misses' Oxfords, strap slippers and button boots for \$1.00 at Peel's.

THE Band met the Lacrosse boys Tuesday night to honor them for the victory won over Hanover. We hope to see other victories follow.

THE Women's Institute held their picnic in Holstein last Wednesday and had a beautiful day, a great crowd of people and a good time. The branch from Mt. Forest were present and took part in the program. Mr. W. Allen acted as chairman. Dr. Brown, of Holstein, gave a talk on What to do till the Dr. comes, but were sorry he had to cut it short. Mrs. R. Pettigrew, of Varney, gave a paper on An Ideal Life. It was excellent. Mrs. Gleney, Mount Forest, Miss Petrie, Holstein, Miss Jean Brown, Durham, each sang a solo. Closed by singing National Anthem.

WE come across a man sometimes who doesn't think it pays to advertise. They would rather wear out five dollars worth of shoe leather hunting after a stray horse, than pay fifty cents to the Chronicle for an ad. that would save time, trouble and worry. Charlie McKinnon doesn't take any chances when he has anything to sell. Like a sensible man he goes right to the Chronicle Office and puts in a little ad, and then goes into a safe retreat to avoid the rush. Last week he advertised two properties in town and the ink was hardly dry on the paper when Hardy Dean came along and bought a Garafaxa street lot from him. That little ad, did the trick. It brought buyer and seller together in short order, and both were made happy in less time than it takes to tell it.

QUIET HOME WEDDING.

A quiet wedding was solemnized on Wednesday, the 10th inst., at the home of Mr. and Mrs. Wm. McFadden, of Egremont, when their daughter Martha, was united in holy matrimony to Mr. Thomas Davis of this town. The guests present were only the immediate friends of the contracting parties.

To the strains of the Wedding March which was beautifully rendered by Miss Moodie, the groom took his place at the altar and awaited the arrival of the bride who came in leaning on the arm of her father and unattended except by two little flower girls, Miss Blanche Matthews, niece of the bride, and Miss Eva Anderson, niece of the groom. The nuptial knot was well and securely tied by Rev. A. A. Bice, B. A. Rector of Trinity Church, this town. The bride was very neatly attired in printed silk mull trimmed with lace, and held in her hand a beautiful bouquet of white roses. The ceremony concluded, and a shower of congratulations having been extended by the guests, a very sumptuous wedding dinner was partaken of and the evening spent in a most enjoyable manner.

The bride was the recipient of many useful and handsome presents. They have settled in their home in this town and we take much pleasure in extending to them our heartiest congratulations and the very best wishes for a pleasant and happy life.

NOTICE

The trustees of Maplewood cemetery Barber's Corners, Normanby, wish to intimate to all concerned the necessity of a step being taken to improve the look of the cemetery. This can be done by having leaning and prostrate stones placed upright, and plots leveled up and improved. Parties at a distance wishing to get this work done should correspond at once with the undersigned, those near by are requested to attend to this matter at once themselves, or trustees will be compelled to remove many of the stones.

WM. GRANT, Secy.,
Varney P. O.

July 1, 1907—3.pd



WILSON'S FLY PADS

Every packet will kill more flies than 300 sheets of sticky paper

SOLD BY DRUGGISTS, GROCERS AND GENERAL STORES 10c. per packet, or 3 packets for 25c. will last a whole season.

PARKER'S Bug Killer

For the Colorado Potato Bug
FERTILIZER AND INSECTISIDE

EASILY PUT ON—NO WATER to carry—gives you a better yield than you get by the use of any other preparation. Put up only by

JAMES R. GUN & CO.

WE SELL
STRICTLY PURE PARIS GREEN ! !
No Compounds

Seasonable Footwear

Our complete stock of seasonable footwear is the most up-to-date on the market in Misses' and Children's White Canvas Oxfords, Chocolate Slippers and Sandals at easy prices.



In Women's White Canvas Oxfords, Strap Slippers, Gaiterettes, House Slippers, anything required from the nicest Dress Shoe to the comfortable House Wear.

In Boys' and Men's Vici Kid Bals & Bluchers, Oxfords and Patents of all descriptions.

Mechanics and Laborers heavy hand mades.

Canvas Shoes with rubber or leather soles.

POLISHES

Only the most reliable, carried in all Colors.

Some Women's and Misses' Dongola Oxfords, Strap Slippers and Button Boots.

Snaps for \$1

New work and repairing promptly and properly attended to.

HIGHEST PRICES FOR EGGS
(Cash System.)

PEEL, the Shoeman

CASH ONLY. DURHAM AND OWEN SOUND

"THE HOUSE OF QUALITY"

H. H. Mockler, - - Durham, Ontario

Interesting items for the First Week of our great

Annual Mid-Summer SALE

Heavy stocks, a short season, lack of space, and incidently we could use the money. These are a few of our reasons for holding our sale early this year, right in the height of the season.

Under-Priced lines to start the ball rolling

Hosiery

15c Children's Hosiery for9c

This is a line which in our crowded store was overlooked, and never put on sale. We have it intact, all sizes so here goes: Children's Black Ribbed Cotton Hose, sizes 5 to 7 1/2 regular 15c value.....9c

On Sale per pair, just the thing for boys large sizes 8 to 10 worth 20c for.....12c

Boy's and Women's ribbed hose double knee, size 8 to 10 value 25c for.....19c

Smaller sizes 5 to 7 1/2 value 20c for.....15c

\$1 \$1 \$1

LAWN WAISTS
Great offering

A certain manufacturer offered us a big bargain in White Waists, provided we took all he had of the lot. After considerable concession on his part, we took all he had travellers samples and all.

The lot comprises a great variety of designs in Fine Lawn Waists, eyelet and shadow embroidery and lace trimmed, different length sleeves, most of them button up the back worth \$2.00 sale price.....1.00

Bargains in Muslins. Sale of show ends a few dress lengths thrown in worth up to 25c per yd. on sale.....10c yd.

Bargains in Belts. Cut prices in Neckwear

SPECIAL—Long Silk Gloves in black and white with double fingers and thumbs.....75c per pair

Be sure and be early this week as the goods are genuine bargains. Nothing is advertised as special which is not strictly so. The goods are marked in plain figures for all to see.

Highest prices paid for butter and eggs.

H. H. MOCKLER



KRESO DIP

Keeps Stock in the Pink of Condition

KILLS LICE, TICKS, MITES AND FLEAS.

CURES MANGE, SCAB, RING-WORM AND OTHER SKIN DISEASES.

Disinfects, Cleanses, Purifies. Prevents Contagious Diseases, such as Hog Cholera, Distemper, Abortion, etc.

We have booklets describing these diseases and giving directions for treatment. Ask for them.

MacFarlane & Co.,
Druggists and Seedsmen.

THE
DURHAM CHRONICLE

W. IRWIN, Editor and Proprietor.

DURHAM, JULY 18, 1907

SANCTUM SIFTINGS.

The newspapers are again talking of the convenience it would be to the public if farmers would put their names and the names of their farms on the road gate. The suggestion is a good one, but very few seem to act on it. It only wants to be started in a neighborhood to make it go. Even in towns it would be convenient to have a name plate on the front door. Many who read this paragraph and who, perhaps, have been residents of the place for ten or a dozen years will be surprised how ignorant they are of the names of the streets and the homes of those with whom they may be quite familiar in a business way. It would be a good idea, and it wouldn't be very expensive either, if the Town Council would label the streets and the citizens get their names on the front gates or on the front doors. We don't expect any great development to result from this item, but the idea is all right,—to us it is at least.

It seems too bad that the young people of Canada should be noted for their bad conduct and general lack of courtesy. The subject is being ventilated at present in the Toronto papers, an extract from one of which appears in this issue. The blame is placed on the parents and to some extent on the schools, but we do not think the teaching of the schools in Canada is doing anything wilfully that would have a tendency towards youthful demoralization. The teachers, it seems to us, are doing what they can to inculcate honesty, honor and moral principles, but their influence in many cases is rendered worthless by the antagonizing force of indulgent parents who are blind to the wrong-doings of their own progeny. Parents who uphold their children, in opposition to the teacher's efforts to secure good government, should not be surprised when they reap a whirlwind of lawlessness at a later period in the lives of their own families. Children are not all bad but most of them will be if not laced under proper restraint.

The construction of the new railway is approved on all sides. Town and country alike are regarding it as a boon to the community. Increased transportation facilities and a more effi-