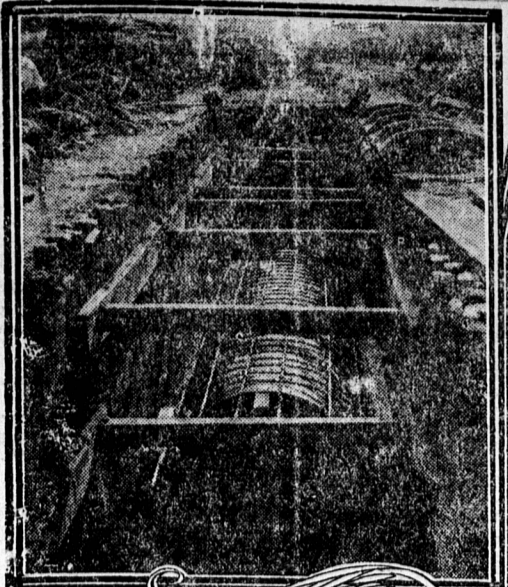


MILLIONS for SEWERS

By ARTHUR S. BAYER



A Five Foot Outfall Sewer of Iron Pipe, Rod Be-en forced and Concrete Packed



A Delicate Bit of Construction Main Sewer Branching Out



Overhead Tramway A New Method for Carrying Away Excavated Material



Detail of Brick Sewer

A BILLION OF DOLLARS is the amount civilized man has set aside for placing effective sewers under the great cities of the modern world.

In every city of the first class up-to-date sewerage systems have been partially laid, are being now installed or are under active preparation for immediate construction.

CITY'S MOST COSTLY FEATURE.

It costs more to properly sewer a city of a million inhabitants than to build and operate its street railways, to light it or to keep it spotlessly clean; even more than to pave it, when the cost of getting rid of the sewage in most cases is considered.

There are two great problems in tackling the engineering features of sewerage a great city. First and lesser of the two evils is the storm-water; namely, surface drainage of the city. Second, the carrying away of the strictly sewerage parts of a city's refuse.

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METHOD OF DISPOSAL.

There are two methods of getting rid of sewage—namely, discharge or disposal. Of the two plans for getting rid of sewage, the first—namely, simple discharge into some running body of water—is so easily understood as to need no explanation.

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Even the English are beginning to admit that Emperor William of Germany is something more than a diplomatic bluffer and a military martinet. The emperor is such as any modern monarch is wise to the fact that he needs to be close to the great mass of population in his dominions.

METHODS USED IN LARGE CITIES.

In Paris the French began so long ago as 1873, or shortly after the close of the Franco-Prussian war, when the city was badly injured, to take up the vital matter of proper sewerage.

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THE KAISER OF GERMANY AT HOME

Fourth Austrian Infantry and the commanding officer of the Seventh Hungarian Hussars. The Emperor heads the First Regiment of British Dragoons, he commands titulary the famous Russian Guard Regiment, the Eighty-fifth Woborn Russian Infantry, the Thirtieth Russian Dragoon and the commands the regiment of cavalry and infantry and whenever he visits a country, the regiment he commands meets him on landing and is under his exclusive personal orders.

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Chicago is facing the absolute necessity of building disposal beds that shall change its sewage into the harmless kind sent out by Birmingham and London. The vast size of these great sewers, especially the disposal or outfall sewers, which carry the main portion of all the collected material to the disposal beds to be refined and have the germs killed, has made the engineering problems very difficult.

MANY PROBLEMS ENCOUNTERED.

The connecting and laying of the small sewerage pipes which connect with the individual houses is very small, although, of course, the expense mounts into the millions in great cities. When a city begins to dig into the very heart of its streets it finds conduits and pipes of every sort and description. And these have been run through the street bed with little or no consideration for any possible after need of sewer construction.

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With the natural German thoroughness the Germans discovered a method not only of getting rid of their sewerage, but they have finally begun to raise money out of it. Enormous sums have been transferred into the richest banks in Europe through the use of the sewerage disposal beds of Berlin.

CONDENSED ADVERTISEMENTS

FOR SALE—Second hand butter tubs. Apply at Guardian office. 8-27d1r1v. WANTED—Girl for general household work in a small family. Apply at this office. 8-29d1t.

ADVERTISING MEN HOT AFTER FAKERS

Will Soon Have Rogues' Gallery of Liars Who Discredit Profession.

KANSAS CITY, Mo., Aug. 26.—Smith B. Queal of Cincinnati, president of the Associated Advertising Clubs of America, addressing the delegates at the opening session of the annual convention of the organization here today, said:

"We have found advanced ground upon the subject of fraud advertising. We demand that the seller as well as the buyer play a fair game. To that end we will ask you to support a resolution providing for a sworn circulation statement from every circulating medium that sells advertising space.

In a few years we shall have a complete rogues' gallery where the record of every rascal who discredits the profession by lying and stealing will be open for anyone to read. The days of the crooked, flashy solicitor are numbered.

"We have heard much recently about the so-called fraud orders of the United States post office department. Any business that comes under the suspicion of the post office department may be denied the use of the mails. Such a procedure, without a fair hearing, is autocratic and un-American. We are more concerned in this matter than any other organization in the States. A resolution will be introduced asking for a review of the cases in the federal courts."

FOUR WIRELESS STATIONS.

VANCOUVER, Aug. 28.—Four more wireless stations are to be established by the Dominion Government on the Pacific coast. They will be at Prince Rupert, Moresby Island, North End, Vancouver Island, and another at a place to be selected.

CORNS CURED IN 24 HOURS

You can painlessly remove any corn, either hard, soft or bleeding, by applying Putnam's Corn Extractor. It never burns, leaves no scars, contains no acids; is harmless because composed only of healing gums and balms. Fifty years in use. Cure guaranteed. Sold by all druggists 25c. bottles. Refuse substitutes.

MANUFACTURERS DEMAND HIGH PROTECTION

MONTREAL, Aug. 27.—At the meeting here next month of the Canadian Manufacturers Association tariff matters will receive considerable attention.

It is said that a definite and strong policy will be taken up and will be advocated by that body, demanding high protection for all Canadian industries. On Monday, September 14 the day preceding the opening of the convention, an important meeting of the woolen section of the Association will be held. At this meeting the affairs of that industry will be discussed.

A NOVEL TRAINING SHIP.

LONDON, Aug. 27.—The famous old clipper ship Mersey sailed last week for Australia with 40 cadets, who hope one day to be officers of the White Star Line. The ship has been turned into a floating nautical college, where the boys will take their share of the work with the able seamen. In addition, there are three navigating officers, two schoolmasters and the commander. The boys are chiefly sons of gentlemen farmers and clergy men. They each pay \$1,000 for a four years' course. The scheme originated from the shortage of British officers on ocean liners.

PARTICULARS OF ISLANDER'S DEATH.

PORT CREDIT, Aug. 27.—Captain Peter McMahon, of Toronto, formerly of Charlottetown, P. E. I., was the victim yesterday of a terrible accident which brought almost instant death. The Captain was supervising a large wharf for the Port Credit Brick Company under construction here by Haney and Milner, contractors. He was out some distance on a large scow which was being used in hoisting timber for the dock. Without a moment's warning one of the large cables snapped asunder, and the timber it was lifting fell striking the Captain with terrific force. The unfortunate man was taken ashore, and carefully placed on a conveyance to be brought to Toronto, but died before he arrived at the station. The coroner took charge of the body and an inquest was begun Monday.

RICHARD CROKER A DUBLIN FREEMAN.

DUBLIN, August 27.—Richard Croker was plainly agitated when the freedom of the city of Dublin was formally conferred on him today at a special meeting of the Dublin Corporation. He seemed embarrassed and hesitated as, leaning heavily with one hand on a table, he looked around on the audience that crowded the council room. But only for a moment; then regaining his wonted composure, he spoke in a clear, loud voice.

THE PRINCE COUNTY GUARDIAN

Offices in Summerside, J. Frank Laffey, Manager and in Alberton Herbert Clark, Manager.

Frank D. McDonald, Contractor, Summerside is in Georgetown.

Lovel Davy has returned to Boston from a visit to his parents in Murray Harbor.

Miss Margaret Bagnall, of Auckland, New Zealand, is visiting Mrs. Walter Hazaar, of Murray Harbor.

J. Harper Prowse, son of W.H. Prowse, lately of Murray Harbor, but now of Winnipeg, is visiting relatives in Murray Harbor.

Master John Goff, Woodville, spent a delightful week at "Dearfoot Camp," gunning and fishing with his cousin Donald Paige Malcolm of Boston.

At the recent Methodist Sunday School picnic in Murray Harbor on the old Crichton Farm, owned by A. P. Prowse, about sixty dollars was cleared.

Many friends at Cardigan were greatly pleased to meet J. G. MacPhail and his talented wife of Ottawa, who are making a short visit to their Island home.

OATS A FAILURE IN NEW BRUNSWICK.

FREDERICTON, Aug. 27.—A gentleman who has been travelling over the district between Grand Falls and Gagetown said to-day that the oat crop was a failure of the worst kind. Oats being of a poor quality and the crop exceedingly light. The same state of affairs existed along Grand Lake, where Queen's county farmers will reap one of the lightest oat crops in years. The hay crop along the St. John river has proved about an average.

MOTHER NEARLY BOILS THE BABY.

WILKES-BARRE, Pa., Aug. 27.—Placing a boiler of water, containing her baby on a hot stove this morning in order to raise the water to the proper temperature for a bath, Mrs. Adams Gerhovit, of Maltby, nearly boiled the infant to death. The baby probably will die.

A FINE EXHIBITION ASSURED.

The Management Confident That the Big Show Will be a Great Success.

ST. JOHN, Aug. 27.—At the Exhibition opening in St. John, Saturday evening, September 12, the great Queen of Songstress, Miss Darling, will be heard. This will be an attraction not often obtained for such an event but the management of the Exhibition was able to secure the services of this Prima Donna because the following week she appears in the Grand Opera in St. John.

MONTAGUE MARKETS.

Table with market prices for various goods like Herring, Cod, Oats, Potatoes, Turnips, Eggs, Oatmeal, Butter, etc.

LABRADOR FISHING IS REPORTED POOR.

ST. JOHN'S, Nfld., August 27.—Governor MacGregor and Dr. Wilfred Grenfell, the missionary, have gone to Cape Chidley in order to determine the exact geographical position of Hudson Strait. The Labrador mail boat, which arrived today, reports that the fishery outlook along that coast is poor. The steamer brought news of Commander Peary's expedition.

FIELD MARSHAL MUST CORRECT ABUSES.

CONSTANTINOPLE, Aug. 27.—Eusuf Pasha, one of the most brilliant Turkish officers in the Russo-Turkish war, who was exiled for being identified with the Young Turk party in 1902, who recently was restored to his rank as field marshal and returned to Constantinople, tells us as the former Portuguese Consul in his own way and also an admirer in the Danish, Norwegian, Swedish and Russian navies.

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VAGUE BACK PAINS, WEAKNESS.

Are caused by overworked kidneys—if neglected—Bright's Disease follows. It's the concentrated vegetable juices and healing herbs in Dr. Hamilton's Pills that instantly relieve the kidneys and give them new life and power. Good appetite and the sort of digestion that imparts vigor, strength, and pure blood is the immediate effect of Dr. Hamilton's Pills: they are bound to build you up, sure to give you strength, unflinching in winning weak folks back to healthy vigorous health. Mild enough for children, active enough for old folks, just right for all who don't feel well; try a 25c box of Hamilton's Pills. Best.

Great Clearance Sale

OF Boots and Shoes till 1st of September.

CONROY, The Shoeman, 97 Queen St. Ch' Town P.E.I.

Mail Orders dmwfrmtf

Condensed Advertisements

Too late for Classification.

FOR SALE—Second hand butter tubs. Apply at Guardian office. 8-27d1r1v.

WANTED—Girl for general household work in a small family. Apply at this office. 8-29d1t.

BOARDS—Can be comfortably accommodated at 139 Kent St. 8-29d3p1d.

STUDENTS BOARDED—Students can obtain room and board at 51 Bayfield St. 8-29d3p1d.

WANTED—Some good fresh cows. Apply Box 1074, City. 8-29d1w1d.

WANTED TO RENT—Room in central part of city suitable for a music studio. Apply P. O. Box 1007. 8-29d3t1.

WANTED—A cook and housemaid for a small family in St. John. Apply to Mrs. R. A. Thompson, 249 Prince St., Charlottetown. 8-29d1d1d.

WANTED—A middle aged woman wanting a good home in a small family can hear of one by applying at this office, good wages to a competent person. 8-29d1t.

Farm For Sale

Splendid home, large barn, 30 acres of choice land, one half covered with hard and soft wood, yielding highest returns in lumber, one half cleared and in excellent heart, well watered. Will be sold with or without crop. Inspection invited. CHAS. S. WRIGHT, Centreville, Bedouque. 8-29d1h1t1t1f

Advertisement for Sunbeam Flour featuring an image of a dog and text: Use SUNBEAM Flour. It is easy to bake with Sunbeam Flour. It is Ontario and Manitoba wheats blended in right proportions making it a perfect all round flour. Made by The John Campbell, Co., Ltd. St., Thomas, Ont.