

City Sewage Plant Worth Over \$1,500,000 New South End Unit Thoroughly Modern; Over 100 Miles Lateral Sewers In City

Equipment Constantly Being Discarded and Replaced With New Material.

PROGRESS IS MADE

Engineers Complimented on Fine Work Done at Activated Sludge Plant.

River cleanup proposals and possible extensions to sewage disposal plants in the near future have directed attention to London's present sanitation plant. The Advertiser in this article gives some idea of the city's disposal equipment.

London has sewers and sewage disposal equipment valued at more than a million and a half dollars, and the city hasn't stopped spending. Year by year equipment in various districts becomes inadequate, old methods are discarded, extensions are needed and repairs are made. The penalty of progress must be paid. During the past 15 years the corporation has expended at least \$1,543,882 for sewers. Much of that money was spent when construction costs were low and equipment is worth more today than when it was constructed.

A survey this week of the city's sewer equipment shows London to have much evidence of progress in sanitation work. There are more than 100 miles of lateral sewers and 17 or 18 miles of trunk sewers.

London's sewage disposal works are becoming modernized more and more year by year. For instance, the London West system cost \$331,275 two years ago and a pumping station built at Douglas Avenue is now able to handle the sewage of the entire district for 50 years, without extensive changes or repairs.

A Modern Unit.
The south end sewage disposal works, now under construction, are a revelation of modern construction methods.

Concrete walls and floors of the new plant are rendered by best methods more efficient than any previously known. Concrete construction is no longer a matter of throwing barrels of soupy mixture into forms. The new method calls for care that has seldom been shown anywhere in Canada.

Water, cement and gravel are carefully measured and weighed. Every shovelful of concrete must be of the same quality. A water-measuring apparatus just installed is much like a pump of a gasoline station. It cost about \$3 and was the adaptation of Sewers Engineer Veitch and his assistants. The form and concrete poured into the hose for at least 10 days. Workmen told amidst the constant spray of water from the hose. The effect is very slowly and the effect is surprising.

Not a Flaw Visible.
Not the slightest crack or flaw is visible in the finished walls and floors. The concrete is twice as strong as the best known reinforced work under older methods. A small piece of flooring at the south end plant is the first day treated in this way. The difference is it was laid and the difference is quite apparent.

The south end plant will care for a large district by the activated sludge method, an advanced system of sewage disposal which has been graduated with honors out of the experimental class. Huge quantities of 100,000 gallon capacity keep sludge revolving in a spiral manner laterally. The south end plant will have a total capacity of 1,000,000 gallons. Possibilities which may be shown by a year's operation of the south plant will direct the city engineer's department in the planning of a new plant at the West End to care for plant at the trunk system from King street and London west.

Highly Praise.
Work on the south end plant has attracted much attention both in Canada and across the line. Only this week the sewers department of the city of San Francisco requested the city of London to send a representative to San Francisco to see the new works in the Californian city. Inspection of sewage disposal works in London was made yesterday by provincial health authorities and representatives of the city of San Francisco. They were made in immediate direct London's work in the sewage disposal improvements. City Engineer W. P. Near and Assistant Engineer W. M. Veitch pointed out that there is much to be learned from the River Thames purification. Refuse is thrown into the river, private drains, and other factories and other works and other causes are reported.

Little comment is made by the engineer's department on yesterday's visit of the provincial health authorities. According to City Engineer Near there is no desire to influence

RIVER THAMES VIGNETTES

The Thames 100 years ago was a much finer stream, with densely wooded banks and healthier spring and midsummer freshets. There was no sewage, no factories, no dead cats, no dyes or oils coloring the stream.

Pollution of the river today draws different opinions from different authorities. A prominent engineer wrote a short time ago: "One would scarcely recognize the dirty stream of 10 years ago in the Thames today." On Tuesday of this week the body of a dead cat, incased in a cloth sack, floated in the river near Egerton street bridge. The carcass was covered with maggots. The condition has been duplicated in many places along the river. People still resort to the popular old method of getting rid of their litter of backyard mongrels.

Dead fish are thrown into the river from time to time. The mayor reports this practice at the Coves. The medical officer of health tells of instances at the Forks. The smell of dead fish is not describable. There is pollution of the waters of the Thames. The cause cannot be named by any authority in a single sentence. The whole remedy has yet to be found.

RIVER NOT AS BAD AS IT IS PAINTED

Sample Taken From Thames Proves To Be Clear as Crystal.

During the visit here yesterday of provincial health officials an interesting incident occurred, a happening which tended to prove that the river Thames is not as black as it is painted, neither does it deserve the reputation of the venerable old stream that flows through old London.

Provincial and city officials stopped at one traffic bridge near the center of the city. Gazing over the railing they saw the waters of the Thames below, waters that looked awfully murky.

"Fifteen," commented one official tersely. "It's jet black."

"Let's go down and have a closer inspection," suggested Provincial Health Engineer Dally.

The officials descended to the river's edge and dipped a big glass jar into the stream. The bottle was drawn out and the water therein held up to the light. The water was clear as crystal.

These examinations showed that the river bottom had a heavy coating of black silt and refuse, which gave the stream the appearance of being nothing but an ink liquid.

Provincial officials expressed much amazement over the condition of the river water.

CASHIER WILL TAKE INDIA MISSION POST

Capt. F. A. Hawkes, Two Years in London, Leaves City.

Capt. F. A. Hawkes, cashier of the headquarters staff, Salvation Army, here, left for his home in Hamilton yesterday, where he will spend a brief holiday before proceeding to India to take a post in the mission field.

The officer came to London two years ago from the North Bay corps. A farewell service will be held here Sunday. Capt. Hawkes will speak at the morning and evening services at the Clarence street chapel and also at the open-air meeting in the afternoon at Victoria park. It is not yet known what work will be assigned to Capt. Hawkes upon her arrival in India. The Army work takes in everything from agriculture to hospital work. At present, she will be in charge of the children are filled to capacity. Adults are being taught weaving, lace work and industrial work.

DEMPSEY WILL BATTLE HARRY WILLS FOR CROWN

Associated Press Despatch.
New York, July 16.—George L. (Tex) Rickard announced today that Jack Dempsey, heavyweight champion, had agreed to fight Harry Wills, negro challenger for the heavyweight crown.

Rickard said he signed a formal contract with the champion today, the date of the meeting being left open. "It will be impossible to stage it this year," the promoter said, "but I expect it to come off by September of next year."

or prejudice reports and recommendation which Deputy Minister of Health Bell may make. At the same time the engineer's department, expresses every desire to meet sanitation needs as efficiently as possible.

MUTT AND JEFF

MAYBE THE FAMOUS TOURISTS DIDN'T STEP OUT IN POMONA AND SAN DIEGO. AND SPEAKING ABOUT 'STEPPING'—WHILE THE BOYS WERE IN SAN DIEGO THEY STEPPED OVER THE BORDER AND BRIGATED THEIR PARCHED THROATS IN OLD MEXICO.

HOWEVER, THEY REACHED PHOENIX ARIZONA IN GOOD SHAPE! THE PAVED ROADS LEADING TO PHOENIX ARE AS FINE AS ANY THE TOURISTS HAVE FOUND ON THIS TRIP.

THEY CRAVE LADY COMPANY.

THE \$100 ROLL IS SHRINKING. THE THIRTY TOURISTS BLEW IN NINE BUCKS IN MEXICO AND NOW HAVE ONLY \$8.75 LEFT WITH WHICH TO RETURN TO NEW YORK.

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TO USE CHLORINE AT SEWAGE PLANT

Solution of Problem Found by Conference With Provincial Authorities.

Chlorination of sewage effluent is likely as a result of an important conference held here yesterday by provincial and city authorities. A complete survey of London's sewage disposal works and river conditions were made, and provincial officials were busy right up to the time they left the city last evening.

Dr. W. J. Bell, deputy minister of health, F. Dallyn, provincial health department engineer, Dr. T. J. McNally, district health officer, Dr. W. S. Downham, medical officer of health for London, and W. P. Near, city engineer, met yesterday afternoon to make a tour of inspection over the sewage disposal works.

As a precautionary measure, it is likely that sewage effluent at the East End plant will be chlorinated before it enters the river. The officials found the plant there operating capacity, with an independent chemical content in the effluent. Chlorination will not be an expensive process, and will be undertaken immediately.

The South End plant, under construction, drew forth much commendation as it is being constructed on modern lines. It will take care of a large area from the south end, and will be functioning next year.

The West End plant was surveyed yesterday, and the city's most important sewerage problem was discussed. Complete recommendations on this plant are not yet available. The city's sewerage system is being figured but little in river clean-up plans just now. The project was brought into discussion very little yesterday.

Reports of Dr. Bell and Mr. Dallyn will be handed to the Hon. Dr. Forbes Godfrey within the next few days. The matter given complete consideration by the provincial health department.

GET MORE HOTELS. ULTIMATUM TO LONDON

Royal Arch Masons Commend City Chamber of Commerce for Invitation.

For the second time within a month London has had to pass up prospects of securing an important convention of hotel accommodation. An invitation to the Grand Lodge of the Royal Arch Masons, A. F. and M. M., which is meeting in Hamilton this week, to come to London next year for their annual gathering resulted in the following reply being received by W. H. Wood, managing-secretary of the London chamber of commerce: "Masons commend chamber of commerce for invitation. Doubt if London has hotel accommodation enough. Build the new hotel and London Masons will boost for Grand Lodge meeting in London."

Pointing out that already this month another convention advanced the same reason for declining London's invitation, Mr. Wood stated that the building of the new hotel in the near future is becoming an imperative necessity.

GREB AND ROSENBLUM MEET.
Associated Press Despatch.
Cleveland, Ohio, July 16.—Harry Greb of Pittsburgh and Maxie Rosenbloom, New York, middleweights, appear in a ten-round no-decision boxing bout here tonight.

Wonderful half-price bargains are offered to make the event quickly known. Savings made at Thomas Furniture Company are being given away. The Advertiser office on Friday evening will go a long way toward the expenses of the outing party for the family on Saturday afternoon. Everyone is invited to share the half-price specials for Friday evening only. They include all the needed summer furnishings that make for comfort, good appearance and lessening of work.

To suggest only a few there are included refrigerators, screen doors, hammo couches, wicker chairs, veranda chairs, electric fans, oil stoves, summer curtains. All go at half price Friday evening from 7 to 9:30 o'clock. Everyone is invited to come in and look around at leisure. There are so many nice things at Thomas. Advt. b.

They Hop From Pomona and San Diego, Cal., To Phoenix, Arizona.

LEAVING PHOENIX THEY MADE FINE TIME OVER THE NIFTY ROADS TO TUCSON. AND THEIR FIRST ACT WAS TO TRIM MAYOR JOHN WHITE AT PINOCHLE FOR THE STATE CHAMPIONSHIP! THE MAYOR IS ALSO A RED HOT LION TAMER. THEY NEXT LOOKED UP BILL MCGOVERN, SECRETARY OF THE SUNSHINE CLUB.

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Wild excitement greeted the novelty races and sports staged by London grocers at their 29th annual picnic on Invererie Heights at Port Stanley yesterday. The above picture shows the girls coming down the stretch in the first heat of the kiddie car race. It was one of the highlights of the day.

ARGENTINE MERMAID AGAIN ATTEMPTS CHANNEL SWIM

Miss Lillian Harrison Leaves Cape Gris Nez, France, at 4:29 This Morning.

SURE OF SUCCESS

Cape Gris, Nez, France, July 16.—Miss Lillian Harrison, youthful Argentine swimmer, was forced to abandon her attempt to swim the English channel, five miles from Dover, the tug Alsace, which accompanied Miss Harrison, is returning with the swimmer to Boulogne.

Cape Gris, Nez, France, July 16.—Miss Lillian Harrison, youthful Argentine mermaid, today began her third attempt to swim the English channel, entering the water here at 4:29 a.m. She passed out of sight of shore, swimming well. The weather was perfect for the attempt.

Should Miss Harrison succeed in her battle against the treacherous channel currents she will be the first woman to accomplish the feat, in which only a few men have been successful.

The swimmer's parents and a band of newspaper correspondents embarked at Boulogne on the tug Alsace, which is accompanying her across.

Miss Harrison's two previous attempts were both made last year. The first she was forced to abandon, when she injured a leg on a sharp rock. In the second she gave up because of adverse currents after being in the water eight hours.

Her start today gives the Argentine girl a jump on her rival from the United States, Miss Gertrude Ederle, who is training at Brighton, England, under Jabez Wolfe, well-known English swimmer. Miss Ederle plans to transfer her headquarters here late this month in preparation for her attempt.

Recent changes in Ontario department of agriculture circles bring promotion to J. F. Andrew, B.S.A., assistant to Mr. Finn in the Middlesex branch. Mr. Andrew leaves for Orangeville, Dufferin County, on August 1, where he will assume the duties of representative.

Mr. Andrew who is one of the most popular assistants that the Middlesex office ever had, will be missed by the hundreds of farmers in the county to whom he has given valuable assistance time and again. While they are sorry to see him leave Middlesex, they rejoice in his promotion. Frank Partridge, experimental farms, Ottawa, will follow Mr. Andrew at London.

H. A. Dorrance, who has represented Dufferin county for 14 years, goes to Brant county as representative, while Fraser Ross, Fort William, exchange places with Charlie Buchanan of Elgin county.

THOMAS STORE OPEN ON FRIDAY EVENING

Progressive Furniture House Inaugurates Modern Summer-time Plan.

The Thomas Furniture Company, ever progressive and abreast of the times in service and thoughtfulness for the people they count as customers and friends, have again stepped out in front, with a modern idea and plan that they believe will give complete satisfaction to a great many people. Realizing that Saturday afternoon is play time for many families, when they like to make for comfort, good appearance and lessening of work.

To suggest only a few there are included refrigerators, screen doors, hammo couches, wicker chairs, veranda chairs, electric fans, oil stoves, summer curtains. All go at half price Friday evening from 7 to 9:30 o'clock. Everyone is invited to come in and look around at leisure. There are so many nice things at Thomas. Advt. b.

GREAT CELEBRATION PLANNED ON LABOR DAY

Liveliest Day in Many Years Aim of the Trades Council.

London has seen some record-breaking Labor Day celebrations in the past, but the chairmen of the various committees planning this year's celebration told delegates to the trades and labor council at its bi-monthly meeting last night that Sept. 7 will see the liveliest Labor Day the city has witnessed in recent years.

General Chairman G. E. Brewer is enthusiastic over the prospects for an unusual celebration, with plans for the traditional parade, motorcycle and horse races, and other sports events well off the road to completion. Tickets are being distributed to all the labor locals in the city.

The sports program is in the able hands of T. W. Pauley.

STEAMSHIP ARRIVALS.

New York—Homeric, from Southampton.
Southampton—Berengaria, from New York.
Queenston—Caronia, from New York.

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AND THEIR FIRST ACT WAS TO TRIM MAYOR JOHN WHITE AT PINOCHLE FOR THE STATE CHAMPIONSHIP! THE MAYOR IS ALSO A RED HOT LION TAMER. THEY NEXT LOOKED UP BILL MCGOVERN, SECRETARY OF THE SUNSHINE CLUB.

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STANDARD BEARER DIES AT AGE OF 73

John Geen, Active in Work of Salvation Army, Succumbs.

John Geen, a resident of the city for the past 20 years, died at 10 o'clock last night at the residence of his daughter, Mrs. Charles Fry, 394 Clarence street.

Mr. Geen was born in Devonshire 91 years ago. For many years he lived in Wales, and 20 years ago came to Canada. For 45 years he was active in the work of the Salvation Army. During his residence here he was standard-bearer for the No. 1 Citadel on Clarence street, a position he held until age prevented his carrying out the duties of that office.

Lieut.-Col. McAmmond, chief of staff here, said today that the officer would be buried with all the honors that the army could bestow upon one who served faithfully. The veteran leader of the corps had proudly carried the flag for many years.

In business life Mr. Geen followed the occupation of carpenter. His wife died several years ago. He is survived by two daughters living in the city. They are Mrs. C. Fry and Mrs. F. H. Goodwin.

The funeral services will be held from the Clarence street citadel Saturday afternoon. Lieut.-Col. McAmmond will officiate. Several other officers and the No. 1 citadel band will be present. Interment will take place at Woodland cemetery.

A memorial service will be held in Clarence street citadel on Sunday, Aug. 2, when Adj. Ursaki, who is now in Everett, Mass., will be in the city to resume command of the No. 1 corps.

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OVER TWO THOUSAND GATHER FOR PICNICS AT SPRINGBANK

Boy Is Given Life Sentence

Associated Press Despatch.
Watertown, S.D., July 16.—Vincent Meek, 21, of Garden City, was sentenced to life imprisonment upon his plea of guilty yesterday to a charge of having killed Byrle Healy, 17-year-old Garden City girl, last Sunday night.

Meek claimed that when Miss Healy and he went automobile riding Sunday night she asked him to kill her.

Meek was given a life sentence to the state penitentiary at Pierre, S.D.

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