THE ADVERTISER, LONDON, ONTARIO THURSDAY, MAY 30, 1907 -TEN PAGES.

PRICE TWO CENTS

Engineer Chipman Advises Separate High-Pressure System For London

TORONTO EXPERT REPORTS ON CITY'S WATER SUPPLY; THERE IS AMPLE SPRING WATER FOR YEARS TO COME

Present Supply Will Suffice for 57,000 Persons if kiver Water Is Used for Fire Protection, Etc., and Meters Are Installed.

SEPARATE SYSTEM IS BEST FOR FIRE FIGHTING

Would Give a Pressure of 250 Pounds and Would Cost \$300,000 -By Taking in Kilworth, Cronyn and White Springs, Supply Would Suffice for 75,000 People-Great Wastage Under Present Conditions.

To the Editor of The Advertiser:

Herewith I beg to inclose a copy of Komoka bridge. a letter sent by me to Willis Chipman, C. E., Toronto, and also a copy of his report, both of which will explain prove an expensive undertaking. themselves. Yours truly,

J. W. LITTLE. Willis Chipman, Esq., C. E., Toronto,

tions here, and are aware of the many sary. the question of the best method of in-

As I have already informed you, at a meeting of the board of trade held well as the importance of fire proof about one week ago, I suggested a sep-construction. In the Baltimore fire of arate high pressure system for fire and February, 1904, and in the Toronto fire and thus reserving the spring water timated in millions of dollars. for domestic purposes as far as possible. I am sending you copies of the ent requirements of the fire under-

pressure system, as I have outlined day. it, giving separate figures for north; nd The underwriters now demand south branch plans, basing your esti- pressure of 200 pounds at the hydrants, mates on the use of Niagara power and pumps of much larger capacity (under Mr. Beck's scheme), and also This represents pipes of greater thickon such power as is available at pres-ness than formerly calculated upon ent. Please give your opinion as to he and doubling the power of the pumpbest location for the pumping station, ing machinery. Furthermore, my estialso as to the effect of the use of mate of \$170,000 in 1903 for an indemeters, and whether raw river water pendent low-pressure fire system sedimentation or filtration is necessary. \$200,000, owing to the advanced cost I need not add that I want you to of labor and materials.

ter way of increasing our water sup-

Kindly send me your bill on comple-

once. Yours truly, J. W. LITTLE. London, April 27, 1907.

Mr. Chipman's Reply. Toronto, May 17, 1907.

J. W. Little, Esq., London, Ont .: requesting me to submit a report on urge upon municipalities with ineffi- he has tendered his resignation. It is provide an evening's entertainment on the London water supply problem, with cient fire protection the advisability of known also that the Government is the plane. the accompanying newspaper contain- erecting a high-pressure plant, and anxious to retain the services of the The third man had been invited to ing articles respecting the same, were we now have two or three systems in under secretary, and it is thought the house by Knifton, whom he had duly received. I now beg to submit my opinions and estimates for your consideration.

In my former report nine suggested completed in 1907. schemes for increasing the supply were discussed, three of which I recommended to, the consideration of the board, viz.:

2. Construct an independent system!

be necessary in each scheme, and a proper fire protection by attaching new conduit from reservoir to the city hose to the hydrants, and the mains in in the first scheme.

that the existing supply would prove to supply steam fire engines. sufficient for a population of over 50,- To materially increase the pressur 000 people. As to first cost and operat- in the existing pipe system, by erecting expenses there was little difference ing a pumping station on the conduit in the three propositions.

etreams, including Crow Creek, Ox- plumbing, and cannot be thought of. Bow Creek, etc., as I believed the water n either branch of the Thames above (which is now entirely inadequate), the city superior in quality to any of three schemes may be considered;

Surface Streams.

To secure water from the drainage area of these small brooks by a system of underdraining would prove an expensive undertaking, and the results cannot be determined in ad-

At the time I made my report there was but Httle data available, and there is little more now, but from a

million from all of the springs above

To develop a large hydraulic pumping power on the river near Kilworth with an auxiliary steam plant would

For the small amount of water re quired to supplement the Springbank supply, I believe electric power or even gasoline would be much cheaper than the hydraulic steam power. This Dear Sir,-Referring to our conver- scheme would also involve another sation last night over the telephone, I main from the reservoir to the city, now beg to formally ask you to pre- and another engine at Springbank. pare a report on the London water consider this scheme altogether too supply. You are familiar with condi- such that filtration might be neces-

Since 1903 several serious conflagrations have demonstrated the necessity of better fire protection in the con-

newspapers containing a report of the board of trade meeting, and also clippings showing the criticisms that have 100 pounds pressure was to be provided at the hydrants with a pumping The Obsequies Being Performed Magistrate Heavily Fines Pair, Will you kindly include in your re- vided at the hydrants, with a pumping port an estimate of the cost of the high capacity of eight million gallons per

High-Pressure System.

ply, please let us have the details, as my desire is not to carry any particu-been evolved from the fireboat system, lar scheme, but to find out if possible adopted a few years ago at Philadelwhat is the best thing to be done unphia, Milwaukee, Cleveland, Buffalo,

Buffalo,

Patrick MacDonnell, under secretary to did so. New York, and other places. In 1903 the lord lieutenant of Ireland, whom there was not what is known as a the Nationalists consider responsible Ernest Warden, one of the men artion of your report and I will remit at high-pressure fire system in Canada or for the unfulfillment of many of the rested in the place, was allowed to go the United States. The first important Government's Irish promises, and whom He had been boarding with Mrs. Cushsystem of the kind was installed at they are determined to oust from office man for some weeks, and professed ig-Philadelphia, the supply being taken by every means in their power. It is norance of the fact that the house was from the waterfront. The Baltimore an open secret on the other hand, that disorderly. and Toronto fires came at an oppor- Sir Antony is extremely anxious to Another man arrested is a musician Dear Sir.—Your letter of April 27 tune time for the underwriters to retire, and it is practically certain that and had merely gone to the nouse to the United States that are completed probable that he will yield to minis- met up-town. and in operation, and several more in terial pressure for the present, and In pasing sentence on Mrs. Coshronto and Winnipeg are now installing down. He will then receive high-pressure systems that may be portant appointment in India.

London Fire Pressure.

A standard fire stream, as defined by the underwriters, requires 200 gallons 1. Increasing the supply one-fourth per minute through a 1 1-8-inch, plain solution was passed declaring that the The court also reminded Knifton ley. Most of the wheat now two to three

In London the pressure at the cenmany parts of the city are not of suffi-I favored the first scheme, believing cient size to convey the requisite water

line from reservoir, would be disas-I reported adversely on the surface trous to joints, old services, and To improve your fire protection

1. Lay an additional large main from the reservoir to the city, several larger mains in the city, and pump from the never, either in law or in fact, the mains with steam fire engines as at present, in which case another pump (Continued on page five.)

JAPANESE AGAIN ROUSED

Tokio, May 30. - The Asahi this personal inspection on the ground I morning in its leader, emphasizes, in then concluded that when it became carefully-guarded words, its opinion of necessary to purify an impure water the absence of sincerity on the part for domestic uses it would be safer and of the San Francisco municipal offi- Murray Stephens, Wabash engineer were: Highest, 68°; lowest, cheaper to take the water necessary cials to protect the treaty rights of charged with manslaughter in connec-

Points Made by Engineer Chipman.

The present spring water supply is 3,800,000 gallons per day in dry weather, and the average daily consumption 90 gallons per

By metering 50 per cent of the services and installing a sephigh-pressure fire-fighting system, which may be drawn upon for street watering, industrial, and other purposes, a saving of 1,100,000 gallons daily will be effected.

The present Springbank supply would then be ample for 57 .-000 people, and there would be no need of securing additional water for eight or nine years.

When more water is needed, the springs between Byron and Kilworth, which may be made to flow by gravity to the pumphouse at Springbank, will supply 8,000 people. The Cronyn-White springs on the North Branch will supply

10,000 people. A total population of 75,000 may therefore be supplied by spring water at a reasonable cost, if meters be adopted, and river water used for fire-fighting, street watering, and indus-

At present 800,000 gailons per day of spring water are wasted through the carelessness of householders and through leaky

plumbing fixtures. A separate high-pressure system for fire protection in the congested district of the city, using river water, would cost \$300,-000, and would furnish a pressure of 250 pounds at the pump-

house, as required by the fire underwriters. A larger percentage of the cost of this system should be borne by the owners of property in the section benefited than by the outlying districts.

Fire protection can be best given in the congested business district by an independent high-pressure system.

The cost of meters would be \$15 each, and the annual charge, including interest depreciation, repairs, and reading, would be \$2 per year each. The water saved, if sold at 6 cents per thousand gallons would pay the annual charges for the entire meter system.

arate high pressure system for fire and February, 1904, and in the Toronto fire SAYING FAREWELL CITY IS RIDED other purposes, using river water only, of April following, the losses were es-

Meeting.

London, May 29.-The situation resulting from the rejection of Mr. Birrell's Irish council bill by the Dublin man and Frank Knifton, or Knighton. convention continues to be the upper- Mrs. Cushman was the keeper of a disshould be used on the streets, and if would probably now be increased to circles in the United Kingdom. As Knifton was an inmate of the place.

This morning when the former plead most topic of discussion in political orderly house on Horton street west; forecasted in these dispatches, the ed guilty to keeping the resort, she

freely, point out any defects you may find in it, and suggest any changes you any increased pressure desired at any that as a result of the prolonged cabthe city. Eniform likewise pleaded. Bannerman will formally perform the guilty, and he was fined a similar sum obsequies on it.

the latest organization to criticise ad- conducting a disorderly house, there versely this unhappy bill. At a meet- was not enough evidence to secure a ing of the association held today, a re- conviction.

SETTLES FOR \$15,000

"Lady Flo" Waives All Claim to Delaval Beresford's Estate.

El Paso, Texas, May 30. - Flora Wolff, commonly called "Lady Flo," a negress who set up a claim a: Dinst the estate of Lord Delaval Beresford as his common law wife, yesterday ac- fair at first, local showers by night. cepted \$10,000 devised to her by the will of Lord Beresford, and an additional \$5,000 and waived all claims to Calgary the estate. She certified that she was wife of Lord Beresford.

BIG BAIL DEMANDED

Stephens Must Furnish \$5,000 or Re-

[Special to The Advertiser.]

St. Thomas, May 30.—In the case of the 24 horrs ended at 8 p.m. Wednesday were: Highest, 68°; lowest, 40.5°. to supplement the Springbank supply, from the Thames above the city.

I further reported that in my opinion about half a million gallons of spring water could be collected between By-water could be collected be

OF UNDESIRABLES

Six Months for Thief.

Police Magistrate Love this morning decided to rid London of two very undesirable persons-Mrs. Blanche Cush-This morning when the former pleadcriticise the suggested plan very By my original scheme steam fire measure is in its death throes, and it was fined \$45 and \$10 costs, or, in de-

to Mrs. Knifton, with the option of

ortant appointment in India. charge on a previous occasion, and is now making a tour of the west, and will go as far as the coast, telegraphs as following the lower of the west, and will go as far as the coast, telegraphs as following the lower of the west, and will go as far as the coast, telegraphs as followed that the time lows: charge on a previous occasion, and which Lord Dunraven is president, is thoroughly convinced that she was

by metering 70 per cent of the ser- nozzle, with 80 pounds' pressure at the measure ignores legislative functions that he had been arrested in the house weeks in ground is well up, germination altogether, that it did not take into account the question of financial relaship gave Knifton a lecture, and told roots. Weather favorable. Growth very 2. Construct an independent system for fire service, hoists, railway uses, street sprinkling, etc.

3. Filter the Thames water and pump same into the existing mains.

5. Construct an independent system for fire service, hoists, railway uses, street sprinkling, etc.

6. Dounds when the works were compublic works, and that it was generally public works, and that it was generally for fire service, hoists, railway uses, street sprinkling, etc.

7. Filter the Thames water and public works were compublic works, and that it was generally for financial relations or pretend to deal with great him that from what he could hear, public works, and that it was generally for financial relations or pretend to deal with great him that from what he could hear, public works, and that it was generally for financial relations or pretend to deal with great him that from what he could hear, public works, and that it was generally for financial relations or pretend to deal with great him that from what he could hear, public works, and that it was generally for financial relations or pretend to deal with great him that from what he could hear, public works, and that it was generally for financial relations or pretend to deal with great him that from what he could hear, public works, and that it was generally for financial relations or pretend to deal with great him that from what he could hear, public works, and that it was generally for financial relations or pretend to deal with great him that from what he could hear, public works, and that it was generally for financial relations or pretend to deal with great him that from what he could hear, ship gave Knifton had been going about the city, frequenting pool parlors and such places, and doing his best to entire the financial relations or pretend to deal with great him that from what he could hear, ship gave Knifton had been going about the city, frequenting pool parlors and such places, and doing his best to entire the first him that from what he could hear, ship gave Knifton had bee places, and doing his best to entice in area than last year. Saskatchewan, young men to the house of Mrs. Cush-more of oats, and barley largely increased (Continued on Page Eight.)

THE WEATHER.

TOMORROW-FAIR. FORECASTS.

Toronto, May 30-8 a.m. Today—Mederate eastery winds; fine; not much change in temperature. Friday—Mederate to fresh easterly winds; TEMPERATURES.

Toronto Ottawa Montreal The first column in the records the temperatures at 8 o'cleck this morning, and the second column

hours previous. LCCAL TEMPERATURES

WEATHER NOTES.

UNIQUE SERVICE AT CONFERENCE IN HONOR OF VETERAN CLERGY

Their Ministry—The First Draft of Stations.

[Special to The Advertiser.] Goderich, May 29.—The ministerial opened this morning at 9 o'clock. The president of the conference,

Rev. David Rogers, presided. Salton, Ph.B., Rev. James Charlton, Their father became alarmed at their and Rev. John Lawrence had been duly with neighbors. absence, and went to search for them

transferred into this conference. The number of ministers now on the conference roll totals 259-about half cause has been assigned for the mur- and told his version of the St. Lawrence

The president nominated the following as members of a committee on conference realtions: Dr. Gundy, S. Bond, George Jackson, S. J. Allin, J. 25,000 FRISCANS H. Locke, E. Medd, A. G. Harris, W Kettlewell, T. J. Snowdon. Rev. Dr. Langford, of Stratford, who has been in the ministry for 50 years,

elation, which was granted. Rev. Dr. Thomas Griffith, of St. Thomas, also requested superannua ion for one year. Rev. H. E. Kellington, B.A., resigned nis position as an ordained minister, owing to ill-health.

made application for a supérannuated

Admitted to Conference.

The following made application for admission into the conference from other churches: Rev. J. E. Cook, from M. E. Church in the United States; Conference recommended the ordin-

Continued on Page Eight. CAR SHORTAGE MAY **BOOST COAL PRICES**

At Present, However, London Dealers, Have a Plentiful Supply.

Lack of shipping facilities, it is though there is an abundance of coal

at the mines. In London the dealers have a plenticar shortage keeps up a serious scar- had. city is quite possible.

Bound up with the fate of Mr. Bir-three weeks in jail. He paid up, and bell's bill is the future of Sir Antony, was fold to leave town immediately. He FOR WESTERN CROP

Dr. Saunders Wires That Con- Latter Lose Many in Fierce En. and her mother joined the party and ditions Not as Bad as Has Been Reported.

[Special to The Advertiser.] Ottawa, May 30.-A telegram received

seen country from east of Winnip Indian Head, Sask. Season very ward: little now going in, mostly oats and bararea. (Signed) Wm. Saunders

MOVING TO TORONTO

Sovereign Bank Head Office To Be Transferred From Montreal.

Montreal, May 29.-The offices of the general manager and chief executive officials of the Sovereign Bank of and a suite of offices has already been its discussion. having his office in Toronto, Mr. Jem- et. His majesty has had frequen mett will be in close touch all the time consultations with the minister of with Mr. Aemilius Jarvis, the new justice on the subject of the Congo president, who is taking a very active and it is declared in official circles tha interest in the affairs of the bank. The the members of the cabinet are offices of the chief inspector and super- complete accord on the question. intendent of branches will adjoin those of the general manager.

HON, MR. SIFTON BACK.

Marked Fiftieth Anniversary of SISTERS SHOT DEAD;

Attacked While Out Walking, and No Clue as Vet

Springfield, Ill., May 30.-Carrie of the London Conference Ledbrandt, 7 years old, and her sister, Cora, 17 years old, daughters of Tells of Visiting Old Friends at St. Laws Joseph Lederbrandt, a farmer, were murdered and thrown into Sugar Creek yesterday, and the bodies were found The secretary of the transfer com- last night by the girl's father. The mittee reported that Rev. George F. girls left home early in the afternoon

> Dr. Duncan found that each girl had a bullet-hole in the right temple. No in the Gleaner libel case this morning

OUT OF WORK

Demoralizing Conditions Follow Many Strikes in Californian Metropolis.

San Francisco, May 30. - Harbor Commissioner W. V. Stafford has submitted this report to Governor Gil-

turn about for this employment.

and some without pay.

laundryworkers out on strike. Ten thousand men of the building Coal prices in Montreal and other trades are out of work through strikes. lack of material and lack of money. porter partly apologized for the con-Three hundred laundry wagon duct of another porter. drivers are out of employment, as a He finally told the ladies that if they claimed, is curtailing the supplies, result of the laundryworkers' strike. were determined to leave he would a "Up to a month ago architects took there are four or five applicants in They finally left and went elsewhere every office daily, and no work to be

"The restaurant business is cut in In some places consumers are laying; half, and the help diminishing proper- station by Hon. Mr. Lemieux.

and congest the employment offices."

CHINESE TROOPS DEFEAT REBELS

gagement and Leader Is Taken Prisoner.

Canton, China, May 30.-A severe Montreal. engagement has occurred between the course of construction. In Canada, Toonly retire when things have quieted man, Magistrate Love pointed out crop prospects of the west are now installing down. He will then receive an imthat she had been up on a similar as have been reported. Only retire when things have quieted man, Magistrate Love pointed out crop prospects of the west are now installing down. He will then receive an imthat she had been up on a similar as have been reported. Only retire when things have quieted man, Magistrate Love pointed out crop prospects of the west are now installing.

He will then receive an imthat she had been up on a similar as have been reported. Only retire when things have quieted man, Magistrate Love pointed out crop prospects of the west are now installing.

He will then receive an imthat she had been up on a similar as have been reported. Only retire when things have quieted man, Magistrate Love pointed out crop prospects of the west are now installing. The rebels lost over a hundred men his signature on register, which he killed, and the government forces "Indian Head, Sack., May 29, 1907 .- Have captured the rebel leader together with a number of flags and a considerable 137.

quantity of ammunition. Two thousand additional troops have merson stated the Moncton lady menbeen dispatched to Chaochow where tioned was Mrs. Geo. C. Allen, wife of the malcontents are active.

city against a possible attack on the part of the rebels.

BRITAIN'S CONGO STAND real. When he saw the names of Mrs.

liament Should Annex.

Brussels, May 30 .- The defining in the denied that the porter came to the Canada will in future be stationed in House of Commons by Foreign Secre- ladies' room when he was there and Toronto instead of in Montreal. Since tary Grey, of Great Britain's attitude the organization of the bank these of- on the Congo question, has had the found it in darkness, or that they had fices have always been in Montreal, effect here of hastening the elabora- been ordered to make less noise or owing principally to the very large tion of the Congo annexation bill. This they would be ejected. He gave one connection Mr. Duncan M. Stewart had, bill will be ready very shortly now, of the ladies money to pay his bill bein this city. Mr. Jemmett, the new and the Government will call an ex- cause he wished to finish dressing. He general manager, has favored Toronto, traordinary session of the chamber for did not know that one of the ladies

secured in the Manning Arcade, in It is generally understood in politi- bion after leaving the St. Lawrence, King street west, immediately adjoin- cal circles that King Leopold has con-, where they were assigned rooms withing the building in which the bank's ceded many points, notably the con- out registering. main Toronto office is situated. By troi by parliament of the Congo budg-

FATAL BONFIRE

Toronto, May 30. - Five-year-old Edith Newman, Harrison street, who Ottawa. May 30—Hon Chiscrd Sifton returned this morning from England, where his name was connected with the proposed fast Atlantic and Pacific service. Edith Newman, Harrison street, who was burned at a 24th of May bonfire and taken to the Sick Children's Hos pital, died there yesterday afternoon. pital, died there yesterday afternoon.

HON. MR. EMMERSON ON THE STAND

THROWN INTO CREEK Strongly Denies the Charges of Immorality.

NEVER EJECTED FROM A HOTEL

rence Hall - Defense Counsel Cross-Examines.

[Special to The Advertiser.]

Fredericton, N. B., May 29. - Hen. der, either is there any clue to the Hall episode. He went to the hotel at 7:30 to look for a friend, a Mr. Peters. This was in June, 1906. In glancing over the register he noticed the name of the wife of a constituent, and a friend of hers. He went to their room, and not having had supper, invited them out to

a restaurant with him. They had supper together at the Oxford, and he afterwards returned to the hotel with them. Their room was in the front of the building, and his in the rear of the building. After bidding them good-bye he returned to his room, smoked for a while, then retired and fell asleep.

Aroused by Ladies.

He did not know how long he had Rev. H. Watson, from the Baptist Union has a membership of nine hunfound the ladies there. He first dressbeen asleep, when he was aroused by a ing regularly. The majority of the ed himself and then admitted them. One members in this union are taking was very much agitated, and stated that they had been insulted by a por-"Of about 6,000 clerks and salesmen ter and were bound to leave the hotel. in retail stores, 2,000 are out of employment, and those that are working have much success. The lady whom he had known since girlhood was not anxi-"There are 12,000 ironworkers, 2,000 ous to leave at that hour. He inquired carmen, 500 telephone girls, and 1,500 into the trouble, and learned from one of the porters that there was casion for the lady to leave. The

> draftsmen who could not speak Eng- company them, as he could not allow lish, and were glad to get them. Now them to go out alone at that hour.

Witness left next morning for Ottawa, being joined at the Windsor stree

"Four thousand laborers on street irreproachable character, whom he hall railroad work are laid off. They walk known since childhood, and he believed spectability.

He had been attending closing exercises at Acadia College some days before and left Dorchester accompanied by his mother, sister and daughter. At Montreal he was joined by another lady who accompanied them in his private car. At Levis another lady at Moncton he was joined by another lady. The Levis ladies and the Moncton lady left at Montreal, while the rest of the party went on to Ottawa. It was the 10th of June he returned to

recognized. He was assigned room

The Chinese gunboat Sum-Hong, the general baggage agent of the LC.R. having on board the Fifteenth regi- Mrs. Bouthnier, who got on at Levis, ment of Chinese troops, has sailed was a friend of Mrs. Allen. He could from here for Swatow, to defend that not say he heard the ladies while on the car say that they were to stop at St. Lawrence Hall upon arrival at Mont-SCARES KING LEOPOLD Allen and Mrs. Bouthnier on the regpanied by a bell boy. It was 10:30 Belglan Monarch Now Willing That Par- when they returned to the hotel from the restaurant. It was midnight when wore a kimono. They went to the Al-

STEAMERS ARRIVED.

19255		Participation of the same		
•	May 29.	Repor	ed at	Fram
1 (May 29. Oceanic	New Y	(rk	Liverno
), 1	aura	New	York	Triost
+ I	berian	B sto	,	Manaharta
. 1	laverford	Guean	t was Di	iladeleti
" I	retorian	Glaso	or wit E1	Marianel
11	Montealm	Liver	001	Montrea
(armania	Liver	0.4	montrea
	dinnehaha	Landa	031	New Ler
1992552	trat Walderson	Charle		The state of the s
di	arpathia	Capas	ourg	New Yor
	Sontonk	Park		New York
	dontauk	. rather	Point	.Fernand
	astalia	.rathe	r Point	Glasgon
	Manchester	12000		
	Trader	Fache	r Pointl	Mancheste
COMP. SCO.	fount Royal	Ra ha	w Parnt	- Amterior