FALLACY OF METER THEORY IS SHOWN

Deferring Necessity of Putting in Reinforcing Mains Is Analysis of Situation.

GREAT COST IS ENTAILED

While Work Will Have to Be Done Eventually, Public in Meantime Will Be Denled Water Which Will Go to Waste.

METER SITUATION IN A NUT-SHELL.

Commissioner Daly Commissioner Daly concurs with all his water enginesis in the statement that meters would merely stave off temporarily the construction of reinforcing mains. Meters do not make more water. As mains are tapped by new services and the capacity of the mains becomes taxed reinforcements are necessary. Meters curb water use and therefore stave off temporarily the time stave off temporarily the time when the reinforcements will have to be built.

Mayor Albee opposes the meter plan, saying that there is no need for a meter system. Why cur-tall the use of water merely to add to the great volume now go-ing to wasto at the headworks and at the reservoir? Commissioner Dicck says a

city-wide meter system is not needed in Portland. He says it would be an unwarranted ex-

travagance.
Two-thirds of Bull Run River goes over the headworks. One-third goes into the pipelines.

third goes into the pipelines.

Portland never yet has been able to use in a day all the water the two pipelines could furnish. The pipelines can carry 17,000,000 gallons more in 24 hours than Portland has ever been able to use in that length of time.

A city-wide meter system would involve an initial expense of at least \$352,000 with an additional cost of \$25,000 a year for new services.

new services,
Counting purchase of meters,
their installation, repair and
reading, the average cost of a
meter system in Portland would
be more than \$100,000 a year.

Water meters do not make more When a water main has so many users on it that its capacity is overtaxed nothing will do but the construction of a larger main.

If water meters are put on all the services attached to that overtaxed Repeal of Minimum Wage on main, the users naturally do not use as much water as they would other-

The lawn gets less water, the garden gets less, baths are not so frequent, and naturally there is not such a strain on the water main.

But the Water Bureau continues to add new services to the main, and pres ently it becomes as badly overtaxed as it was in the first place. Meters Possibility of Municipality Being have not created any additional water.

And then what happens when the and then what happens when the metered main becomes overtaxed? The Water Bureau has to send out and lay the reinforcing main—the same reinforcing main that was necessary a short time before. And in the meantime the Water Bureau has expended a young fortune in putting in the meantime.

Reinforcing Mains Pavored.

As an example, take a main designed to supply 1000 services. When the 1000 connections are made the main is serving its full capacity. Additional services are put on and the main becomes overtaxed. Reinforcement forthwith should be the plan of meeting the sit-uation, at an approximate cost of \$10,-

Instead, however, of facing the sit-Instead, however, of facing the situation in this way, it is decided to
curb the use of water from the main
by means of meters. Meters are put
in at a cost of \$8200-\$5.80 each for
original purchase and \$2.40 each for
installation. The meters enable the
Water Bureau to put possibly 50 new
services on the main. These 50 services use up what water is saved by
the meter system. the meter system.

Then come applications for more connections on the main. It is overtaxed even with meters, for the meters have made no more water. The only solution then is the construction of a reliaforcing main—the same reinforcing main—the same reinforcing main—the same reinforcing main that was needed in the first place. In the meantime \$\$200 has been spent for metering. Would it not have been better to have built the reinforcing main in the first place and give the water users what water they needed for their lawns and gardens?

Heter Coat Declared Waste.

Meter Cost Declared Waste. Following this indisputable argument through the entire water system the city's scale. of Portland, it can be seen that a citywide water-meter system is a big
proposition, involving the waste of
hundreds of thousands of dollars to
avert temporarily the construction of
reinforcements, which will have to be
built ultimately, even with meters.

It is not a question of available
water. Two-thirds of Buil Run River
goes over the spillway at the Buil Run
have netted less than 75 cents a
headworks. The other third (andheadworks. The other third (

to use in a day.
Water shortages occur in only a few

Water shortages occur in only a few districts of the city. Ample reinforcements are being built into the entire northeastern part of the city which will wipe out the troubles there. And that leaves practically no district without ample pressure, except a few in remote parts of the city, at the ends of long mains or on the heights.

Is it economy to put meters on all services in Portland so that pressures may be improved temporarily in those few districts?

Dulling of the teeth of the Daly ordinance is necessary for the protection of the city. It is probable the validity of the city. It is probable the va

Man Sells Furniture Not His.

furniture for \$100, J. W. Miller was arrested yesterday afternoon by Deputy
Constable McCullough, who was a witness to the transaction. Miller was
taken to the Courthouse and arraigned
before District Judge Bell on a charge
of larceny by ballee. H. Jenning &
Sons appeared as complaining witness.
They alleged that Miller bought the rniture last week on a contract, payto sell it to a second-hand dealer.

MOSS-ROOFED HOUSES, RUBBISH SCENES AND LEADER IN PORTLAND'S SYSTEM OF FIRE PREVEN-TION CAUGHT BY CAMERA



City Contracts Sought.

AMERICAN LABOR OUSTED

Compelled to Reimburse Property-Owners Foreseen-Italians and Syrians Derive Benefit.

Another kink was taken in Commisioner Daly's Utopian ideals yesterday when City Attorney LaRoche sent an ordinance to the City Council virtually repealing Mr. Daly's ordinance as passed last Winter providing a \$2-a-day minimum wage for all workmen engaged by municipal contractors.

The change as proposed by Mr. La-

The ordinance requires that con-tractors taking contracts from the city shall pay not less than the city's scale of wages for workmen. The lowest wage for laborers is \$3 according to

Syrians and Italians have averted the is said that on some contracts a Here is what the City Communion have netted less than 75 cents a have to say on the subject:

City Attorney LaRoche says the pulling of the teeth of the Daly ordi-

Just after he had sold \$356 worth of ordinance. The change is proposed to furniture for \$150, J. W. Miller was ar-

Roche is said to be for the purpose of tion in Columbia Park, at University Roche is said to be for the purpose of Park and Portsmouth, Independence removing the possibility of the city suffering a large financial loss by the measure being held invalid by the courts. The change as proposed would exempt from the minimum wage and the other provisions of the ordinance the mea engaged in street and sewer.

Idon in Columbia Park, at University Park and Portsmouth, Independence day, Monday, July 5. The celebration will be under the auspices of the five Protestant churches of that community. A committee of arrangements has been selected, with five sub-committees.

Arrangements have been made for a Arrangements have been made for a band concert by Professor McElroy's Park Band. There will be a grand the mea engaged in street and sewer work. There is but little other municipal work that could be affected by the ordinance. If the change is adopted by the Council it will be virtually the annulment of the entire minimum wage laste.

WILL VOTE DECIDE CITY-WIDE SYSTEM, IS QUESTION.

Mayor Thinks That From Technical Standpoints Installation of Only 5000 Will Be Settled.

going wage for workmen engaged in doing street or sewer work for the property owners.

If the city should require the payment of the higher wage it is said the city might have to pay back the difference to the property owners. Mr. LaRoche says the city should take no further chances and it is for that reason he recommends the changing of the ordinance. The change is proposed to

MR. WITHYCOMBE TO SPEAK

MR. WITHYCOMBE TO SPEAK

Independence Day Celebration Armandale, were purchased by A. R. Siegmand from Thomas PAu for \$1200. In Jonesmore, Montavilla district, lots 13 and 14, block 14, were purchased by Theodore Thomas from the Umdenatork & Larson Hemsbullders' Investment Company for \$925.

FOLLY OF METERS POINTED OUT BY CONSERVATION WORKER.

Deputy Fire Marshall

Inspecting Moss Cover-

Dr. Christopher O'Day Declares That Vast Sum Should He Expended for Future Needs.

As a member of the board of man-As a member of the board of managers of the Oregon Conservation Society and chairman of its public health department, Dr. J. Christopher O'Day, who has made an exhaustive survey and study of the Bull Run water shed and reserve, says that Portland's business at hand is the increasing of the reserve, reserve, says that Portland's business at hand is the increasing of the reserve. Another feature of the work is the stend of a \$506,000 water meter system. reserve, says that Portland's business at hand is the increasing of the reser-voir facilities at the headworks in-stend of a \$500,000 water meter system

The Oregon Conservation Society was The Oregon Conservation Society was promulgated to conserve the natural resources of Oregon, such as its lumber, water power and fish. Dr. O'Day's interest in the campaign against the meters arrives from a careful study of the situation not long ago, when it was proposed to run a roadway along the southeast side of the reserve. The society protested against putting in a roadway. Others interested in promoting the road argued that only the headwaters of the Sandy River would be threatened by contamination and that the Buil Run supply would not be affected in any way. They also argued

men have netted less than 75 cents a day.

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Men have to say on the subject:

Mayor Albee—From a technical standpoint the question to be voted upon is 5000 meters. The real issue, in overer, is a city-wide meter system. On any other stand point the pipelines have to say on the subject:

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Commissioner baye.

City Attorney LaRoche says the city if a city wide meter specification. The nest water of the sandy standpo fast as possible.

Commissioner Bigelew—I consider that the issue at the June election is whether we will have general installation of meters or not. I certainly clean and less sanitary for the same

whether we will have general installation of meters or not. I certainly
should not feel at liberty to vote for
the purchase of meters if the measure
is beaten.

Commissioner Brewster—Technically
the issue may not be that of a citythe issue may not be that of a citythe issue may not be that of a citythe lars annually just to take care of its

and make the use of good water in-viting. With this bountiful water sup-ply we cannot afford to stint its use by the impracticable way of installing maters, but, rather, should make pro-visions for using and having available

CARD OF THANKS.

Mr. and Mrs. Duyton Ryman wish to thank their many friends and relatives for their kindness and sympathy dur-ing their late bereavement.

CAMPAIGN BRINGS DECREASE IN FIRES

Number Lowered About 150 in Corresponding Periods of Five Months.

PUPILS AID IN PREVENTION

Arson Squad" Already Has Brought About Three Indictments-Work of Eliminating Hazards Is Well Under Way.

Remarkable results of a campaign waged for about three months past by aptains and lieutenants of the Fire Bureau to eliminate unnecessary fire hazards in Portland, are shown by the fire alarm records at the City Hall. The story of results is told in the state-ment that for five months of this year (lacking nine days), there have been only 502 fires as compared with 660 for the corresponding period of a year ago. Since January 1 there have been only 14 false alarms. In one month of last year there were 27 alarms of this

conjunction with his duties as Battalion Chief. He has to assist him, all the captains and lieutenants of the Fire Bureau who are serving also as deputy ire marshals without extra pay.

The fire prevention

about in a scientific manner and the prospects are that in addition to cutting the number of fires nearly in two the campaign will result in a great saving of property and possibly life.

Deputies Study Fire Prevention. The deputy marshals hold schools at the City Hall twice a week. At these they hear lectures by experts on fire prevention and fire flighting. After the school sessions the marshals go out and see demonstrations of fire prevention in buildings or on docks. In a scientific manner, the causes of fires and their prevention are studied. The schooling and the actual inspection work is done as a part of the regular fire duties, the men being subject to call at all times. men being subject to call at all times. They receive no extra pay for their

work.

The whole plan of the new system is fire prevention rather than fire fighting. The theory upon which they are working is that "an ounce of prevention is worth a pound of cure."

Among other things being done by the deputy marshals is the inspection of houses throughout the city. This

of houses throughout the city. This includes the inspection of chimneys and basements. Home-owners or the

from any one of many causes is ordered removed by the deputy marshals. In-spections of buildings are being made to see that all safeguards such as fire

In Honor of Memorial Day

This Store Will Remain

Closed All Day Monday

See Tuesday's "Oregonian" for Our Page of Removal Sale Specials



THE QUALITY STORE OF PORTLAND

Fifth Sixth, Morrison, Alder Sta

ments for arson and in the breaking up of an "arson ring." of an "arson ring."
Good work has been done in the pre-vention of false alarms turned in by persons desiring to see fire machines run. All false alarms except one have

been traced down this year. In many cases arrests have been made and the violators have received sil the way from \$10 fines to six-months sentences.

The work is the first to be undertaken on a large scale in Portland The results stand out in held rejust in the results stand out in beld relief in the records of the Fire Bureau operations. Yew lines of activity are being framed almost daily by Marshal Stevens and gradually as the present work is comleted the activities will spread to new

PISGAH HOME NEEDS SEED Appeal Is Made for 30 Sacks of Potatoes to Plant.

"Mother" Lawrence, of the Pisgah lome, is calling on friends of the home to assist in securing 30 sacks of pota-

Rubbish stacked in basements or other places where it might catch fire "WINNING BOYS" IS TOPIC Deliveries of Mail to Be Fewer To-

Dean of Chicago Association Schools

MR. HOLBOOK SAYS HE IS NOT TO HINDER ROADMASTER YEON.

ubmission of Technical Question to Engineers Only Suggested to Wood Block Men, Snys Commissioner.

County Commissioner Holbrook has denied emphatically the truth of a published report that he is a party to any plan to take recommendations as to the types of pavement for Multnomah County roads and for awarding of the bids, out of the hands of Roadmaster Yeon by referring all the bids to the Oregon Society of Engineers for tabulation and recommendation.

"There is just this much foundation.

or tabulation and recommendation.

"There is just this much foundation o it," said Mr. Heibrook. "Representives of wood block pavement combinined that our specifications, which plained that our specifications, which require an extra grouting on top of the concrete foundation, practically put them out of the running because of the extra expense. These specifications are those used by the city. They assert that just as good a wood block pavement can be laid under specifications. ions which do not require this extra

majority of them at least, welcome the inspection inasmuch as it is gratis and may prevent a fire.

The deputies inspect chimneys to see that they are in good condition or whether they are liable to set the house on fire if the chimney should catcle fire.

Gasoline Storage is Watched.

The chimney is examined carefully to see that there is no way for sparks to see that there is no way for sparks to set out into the framework of the house. After a few chimney fires, it is said chimney's become dotted with holes where mortar is burned out.

Attention is being paid to the storage of gasoline. Many cases have been found where this explosive has been kept carelessly and might cause disastrous fire. Theaters are being examined to determine the safety in case of fire. The theaters are being examined to the Plegah Heme for seed of fire. The theaters are being examined to the Plegah Heme for seed of fire. The theaters are being examined to the Plegah Heme for seed of fire. The theaters are being examined to the Plegah Heme for seed of fire. The theaters are visited by the deputies at irregular intervals and the theater proprietors are required to comply with every phase of the theater or ordinance regarding fire safeguards.

Rubbish stacked in basements or "We told them to submit their own

morrow, Memorial Day.

All of the postoffice branches and the to see that all safeguards such as fire escapes, standpipes and sprinkler systems are in proper condition.

An important feature of the work is that of education in the public schools. During the lest few months, Fire Marshal Stevens has addressed about 15,000 school children. He explains methods of fire prevention in homes. Each child is appointed an assistant fire marshal to make inspections in his own home. This work has brought good results.

The marshals now are making maps of all the buildings in the city show-

TAILORING SALE Special!

Inducements that will compel you to dress up for the Rose Festival, June 9-10-11



I am now inaugurating one of the biggest sales in the history of my business-at a season of the year when price reductions count for something-If you can appreciate "a worth-while" offering be here tomorrow or Tuesday.

Two Days More! Monday and Tuesday Only My \$30, \$35 or \$40 Suitings

Made to Order

BEAR THIS FACT IN MIND—All garments are made to your order in my own building, under one roof-right under my eyes, where I personally watch every little detail that makes for better clothes. I dont' depend on any foreman-I'm on the spot to watch every detail. My large sanitary shop is equipped to turn out a suit within "24 hours," if you so desire. No extra charge for this extra service.

RAY BARKHURST

Portland's Leading Tailor

Corner Sixth and Stark