

MIST MISTINGS.

Miss Lynn spent Saturday and Sunday in Portland.

Mr. and Mrs. Joseph Maxfield and an Joseph motored to Portland on Sunday.

District Attorney John L. Foote transacted legal matters in Portland Monday.

Mrs. Fred Watkins and nephew, Kenneth Pratt, were Portland visitors Wednesday.

Miss Ora Hatten was the guest of the Victoria Patterson in Portland over the week end.

Miss Ruth Burcham visited in Portland with Miss Ruth Carmichael Saturday and Sunday.

Mr. and Mrs. L. J. VanOrshoven motored to Portland Sunday and spent the day with friends.

came to Becker's turkey shoot both Scappoose, Sunday, November 12th. He was at 10 a. m.

Miss Elms Wyag of Portland spent another day in St. Helens visiting her sister, Miss Lillian Wyag.

The Syrian phonograph raffled by White's Candy Kitchen was won by A. B. Cook with number 161.

Van A. Gray motored to Portland Wednesday and had as his guest, Miss James, manager of the Austin store.

Mrs. George F. Rowley of Amity, Oregon, has returned to her home after a visit of several days with her son, F. P. Rowley.

Misses Lashula and Rose Kiblan motored to Eugene where they spent some time with their sister, Mrs. Helen Kiblan.

One Motzer returned to St. Helens Monday evening from Seattle where he went to witness the Washington-Columbia football game.

Ben Copeland of the Copeland auto company went to Portland on Tuesday to bring to St. Helens one of the new Superior Chevrolet touring cars.

Lee Hall, the Vernonia merchant, was a business visitor in St. Helens Monday. He was en route to Portland to report for duty on the federal jury.

Mr. and Mrs. Thad Sterling of Lebanon were the guests of Mr. and Mrs. Edgar Nathron Sunday. Mr. Sterling is the newly elected mayor of Lebanon.

Professor John W. Oliver of Portland was a St. Helens visitor Wednesday. The professor is a teacher of the violin and will have a class at St. Helens.

William Muecke of Portland transferred business in St. Helens Monday on his return to Portland he was accompanied by his grandson, Richard Muecke, who will spend the week here.

Mr. and Mrs. Walter Blakesley and son Hubbs and Mr. and Mrs. Eugene Blakesley and son Ronald expect to leave early tomorrow morning for Corvallis to witness the O. A. C. University football game.

We will have a carload of Rock Springs, Wyoming, coal on November 20. Please order now and take delivery from car, thus saving additional expense. Price per ton delivered is \$16.50. Frank Wilkins, phone 24.

William J. Bush of St. Helens was the lucky person to secure the first New Superior Chevrolet in St. Helens. Copeland Auto Company, local distributor of the Chevrolet, delivered Mr. Bush his car Wednesday morning.

A. H. Lake, of the tax department in the sheriff's office at Portland, spent the week end with his family here. Mr. Lake recently returned from a trip east and visited in Chicago, New York and Baltimore. In the latter city he made arrangements for the manufacture of a machine which will dip and coat ice cream bars. The company which is putting the machine on the market is the General Products company and Mr. Lake is its general manager.

CITIZENS CALLED FOR MASS MEETING

Mayor and President of the Water Board Ask Citizens to Gather and Discuss Plans Outlined for New Water System.

To the Citizens of St. Helens:

There has been considerable agitation as to a new water system for the city of St. Helens. A survey of the present water system and the one proposed has been made and the engineer's report, which follows, rendered.

Before taking any action in this matter it is deemed desirable to obtain the opinions of the taxpayers of the city of St. Helens for it is their money which will have to pay the taxes on bonded indebtedness.

With this in view we wish to call a mass meeting of the citizens of St. Helens to be held at the city hall in St. Helens on Thursday evening at 8 o'clock, November 23, to hear the report and take such action as they deem necessary.

EDMOND I. BALLAGH, Mayor
L. J. VAN ORSHOVEN, President of the St. Helens Water Board

The report of the engineer is as follows:
November 7, 1922.
To St. Helens Water Commission,
L. J. VanOrshoven, Chairman and City Engineer,
St. Helens, Oregon.

Gentlemen—In compliance with your request, I have reviewed the plans prepared by Mr. VanOrshoven for the improvement of your Municipal Water system and have reached the following conclusions:

First: That the proposed pumping plant is preferable to the reconstruction of the present gravity system.

Second: That the general design of the proposed pumping plant is right.

Third: That the cost of the proposed system will fall within the estimate prepared by Mr. VanOrshoven.

Discussion.
These conclusions were reached after an inspection of the ground, a review of the plans as prepared and submitted by Mr. VanOrshoven and such studies as were possible with the data available. A gravity system is undoubtedly the ideal system when conditions are favorable. The first cost is usually greater than that of a pumping system, the fixed charges are greater, but the operating expense materially less.

It is of course essential that a municipal water supply intended for domestic purposes shall be pure and free from possible contamination from external sources. This condition can usually be obtained with a gravity water supply when the water shed from which the supply is drawn is owned and controlled by the municipality. It appears from the data at hand that this condition cannot exist in your case as the water shed is now unowned and would be too costly for your city to acquire. Without absolute control it would be impossible to prevent contamination which is bound to increase in its injurious effects as time goes on and the water shed is more extensively settled and cultivated.

There are but two objections to a pumping plant. The first is the greater cost of operation which, of course, is removed if the cost of operation plus fixed charges of the gravity system. The second objection which may not develop is that water pumped from wells is more subject to marine growth which have to be removed at frequent intervals and which may cause trouble by stopping pipes and valves unless constant attention is given to it. This can be prevented, however, by roofing the reservoir as such growth do not develop except under the direct sunlight. In your case the cost of roofing the reservoir would not be great and of course would not be incurred unless actual experience shows it to be necessary.

There is of course the element of risk due to the breakdown of the plant which danger exists to a certain extent with the gravity system and may involve more loss of time than with the pumping system. This can be offset, however, at a comparatively low cost by installing an additional pump which, in your case, in my opinion, should be equipped with electric drive as the first cost of such installation will be much less than that required if an additional Diesel engine is installed.

It furthermore permits of remote control which may be of great value in case of a fire for the electric current can be switched on from a point downtown without the delay incident to the starting of an engine. It would be entirely feasible to arrange the pumps that either could be driven by the Diesel engine in case of necessary repairs to one. The electric driven pump should, however, be left connected to the electric motor except when actually being driven by the Diesel engine in order that it should be available for emergency use at night in case of fire when an attendant might not be at the pumping station.

It has been necessary for me to make certain investigations and I have had some tentative plans prepared of different types of reservoir construction and have obtained quotations on the cost of machinery of different types in order to satisfy myself as to the approximate cost of the project. These studies, of course, are of a very general nature as no definite surveys have been made and it is not advisable to incur the expense required for the submission of such plans.

In my opinion, you are amply warranted in authorizing Mr. Van Orshoven to proceed with the necessary surveys and the preparation of such plans as should be made before a bond issue is voted by the people.

I believe the scheme as outlined by Mr. VanOrshoven will prove entirely satisfactory in every respect. It possesses a number of distinct advantages over any other system I have seen proposed for other municipalities. All of the supply and other mains fall within the limits of the area served by your water system. The plant would be compact, readily accessible at all points, easily repaired in case of breakage, and will afford a very economical solution of your water supply problem. I therefore unhesitatingly commend this plan for your consideration and feel confident that you will be entirely satisfied with the results should you proceed with the consummation of the project as outlined.

Respectfully,
LYMAN GRISWOLD.

Help.
Examiner (questioning applicant for life-saving job)—"What would you do if you saw a woman being washed out to sea?"
Applicant—"I'd throw her a cake of soap."
Examiner—"Why a cake of soap?"
Applicant—"To wash her back."
—N. Y. Central.

What good does it do the worm to turn? He's the same on all sides.

EXCELLENT PICTURE COMING TO SUNSET

Among the many excellent pictures booked for the Sunset theatre in West St. Helens is, "Man to Man" which features Harry Carey. It is a story of love and adventure and Mr. Carey has a superb supporting cast in this, his greatest and most thrilling drama of adventure and romance in the Far West. Manager Govro who saw the picture at the film exchange says: "You will want to jump out of the way when you see that mad stampede hearing down upon you; thousands of fire crazed steers, rushing, careening right into the lens of the camera, and a man and a girl, apparently hopelessly caught in the thick of their wild onrush. It is a thrill you never saw before." The picture will be shown at the Sunset, Sunday, matinee at 2:30 p. m. and evening show at 7:15.

How Not to Take Cold.

Some persons are subject to frequent colds, while others seldom, if ever, have a cold. You will find that the latter take good care of themselves. They take a shower or cold sponge bath every day in a warm room, avoid over-heated rooms, sleep with a window open or partly open, avoid excesses, over-eating, becoming over-heated and then chilled and getting wet feet. Then, when they feel the first indication of a cold, they take Chamberlain's Cough Remedy without delay and it is soon over.

He Knew What He Wanted.

Sportsman—"I want to look at some mirrors."
Storekeeper—"Hand Mirrors?"
Sportsman—"No, something that I can see my face in." Exchange.



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There's a reason for saving. Start this very week. We'll be glad to show you how.

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