

WATER SYSTEM NEEDS POINTED OUT BY SUPERINTENDENT

At the meeting of the city council Tuesday night Superintendent Trana of the water system discussed the water situation in his semi-annual report. He asserts that one has but to raise the manholes of the trunk sewers to find what becomes of the water—all running half full. A new reservoir and main is among the needs of the city, and the abandonment of the old pumping plant on Bear creek urged. Water rates are declared in need of revision as the present rates work an injustice. The report follows:

Superintendent's Report

To the Honorable Mayor and Council of the City of Medford.

It has been customary in the past for the council to require a semi-annual report covering all development work, necessary repairs and general water department requirements; therefore, this communication is presented with the object in view of not only acquainting your honorable body with the general condition but also to call your attention to several matters that I consider highly important and directly relative to the safety of our water supply.

The 12 inch cast iron watermain under the new Main street bridge across Bear creek has been uncovered by the winter and spring floods, from pier to pier and about 10 feet is undermined and without support at the present time.

Joints Defective
I will take advantage of this opportunity to state that many of the joints of this watermain are defective and we found it necessary in 1912 to place re-enforcing clamps and split sleeves in several places; yet, we had a break just east of where we had taken much precaution and this city was without water three days with only the old well and electric pump for fire protection. With but one main delivering water to this city and it defective across Bear creek, it must be assumed that every precaution should be taken to avoid a break at this point.

A dam across the creek 25 or 30 feet below the bridge would serve the double purpose of stopping the undermining of the water main and improving the general appearance of the landscape in that vicinity. The water could be backed up as far as property owners would permit. The substantial construction of a six foot dam need not cost but a few hundred dollars and the pond created could be freshened during the night from the city mains.

Auxiliary Reservoir
That an auxiliary watermain and reservoir is a matter of vital importance to this city, no thoughtful citizen will deny and the matter should not be allowed to lapse until the summer shortage of water is an incident of the past, but as Judge Colvig expresses action, "strike while the weather is hot."

I will not attempt to delve into any extensive hydraulic formulas nor quote any eminent authorities; to prove to a few non-believing citizens that we have the amount of water flowing to our reservoir site that we have—approximately 4,200,000 gallons every 24 hours; still, it may be well to mention that this city consumes an average of over 400 gallons per capita every 24 hours during the summer months.

Not Remedy Shortage
It should not be construed by the public that another pipe line without a reservoir will remedy our difficulty as to water shortage, although a pipe line only will greatly enhance the city in the way of an increased delivery in proportion to the size of a new main; still, it must be borne in mind that two water mains from one reservoir will empty it somewhat quicker than one main does. This city has always needed two reservoirs. We have only 2,000,000 gallons storage and every time we have had a break out on the gravity line, the city has been without water even although our repairs were made promptly. It is a very inadequate storage that will not carry a city through 24 hours. During the cleaning of the reservoir, at any time we are without any reserve whatever.

There are three propositions that this city should consider and decide in the very near future:

1. Another reservoir with 12 inch pipe line through to southwest part of the city.
2. Suggests Large Valve
If a water main across Bear creek only is to be considered, I suggest that a 12-inch valve be placed at East Main and Almond street and an eight inch main be buckled in and run south on Almond street one block to a point opposite the old water plant thence west through private property and across Bear creek and buckled into old eight inch water

main that runs west on Eighth street.

3. If the future is to be considered only to the extent that a pipe line be installed and no reservoir at present, and to only partly aid the southwest part of town, with both of these problems in mind, and to be taken care of in the distant future, but calculated on now—I suggest that a 12-inch main be constructed from a point on Tenth street and intersecting Ashland avenue and run west on Tenth street and buckled into the four and six inch mains on Ashland, Ilamette, Vancouver and Portland avenues; thence on, across Bear creek and west on East Twelfth and west on Twelfth to Oakdale avenue. Such a main, if constructed, can be extended at any time, both east and west.

Considers Fire Protection
In making these suggestions, I have considered: First, fire protection and ample supply for city for 24 hours if break occurs any where in the entire system. Second, fire protection and water supply for city if break occurs at Bear creek only. Third, fire protection and water supply if break occurs any where west but not east of Roosevelt avenue. This line would also make possible many much needed repairs on the east side without shutting the city entirely off from any water.

The old well at Bear creek should not be considered at all and should be done away with and filled up just as soon as it is possible to do so. It would be a crime to pump that water into the city mains.

The old pumps, not including the electric, should be disposed of as they are gradually deteriorating and are useless to this city. I was instructed, by the past administration, to dispose of them and use my own judgment as to a price but could not get what I considered them worth. If they are not unloaded soon, they will not bring cost of storage.

Water Rates
Our present schedule of water rates are equitable at all and some of them are unjust and should be gone into thoroughly and remedied before next season. One of the most disagreeable duties that I have to perform, as water superintendent, is to charge water rent for a cow or team, especially so, when it is often the only means of support that a family may have; there are other uses of water of greater consequence that our present water ordinance does not take care of.

There was a time when I was opposed to general water meterage, but I am gradually awakening to the fact that sooner or later, this city must be a metered community or prepare to assume the responsibility of continued bond issues from time to time to provide water for general waste. The greater the supply, the greater the waste.

Anyone who may be interested should go down on North Riverside on any warm day between 1 and 2 p. m. or 5 and 7 p. m. and raise one of the 12 inch sanitary trunk sewer man-hole tops and they will find the sewer running at least half full and if this city is using half of its water supply for domestic and sanitary uses, alone, (calculating that the sewer has similar gradient to the 12 inch water main) it is not difficult for anyone to readily see where the rest goes during the sprinkling season.

There are several articles in the way of up-to-date equipment that we are much in need of in the water department, and, although I have mentioned those requirements on several occasions, we are still without the goods.

I am submitting, with this communication, a chart showing the variations of pressure in different sections of the city and how much the pressure increases on Oakdale avenue, when the two inch line to the outside water-users is shut off. I will also submit, at your request, all charts showing water pressure during 1912 and 1913 and 1914, to the present time, also reservoir overflow records.

Respectfully submitted,
GEO. H. TRANA,
Superintendent Water Dept.

EXTREME WEAKNESS IN ROCK ISLAND

NEW YORK, July 22.—Extreme weakness in Rock Island and other minor issues, with comparative steadiness in standard shares, constituted the salient features of today's stock market. The closing was irregular. New Haven shares fell two points at the opening of today's stock market on an announcement that suit to dissolve the company is to be brought by the federal government. Other active issues were fractionally lower, with the exception of Union Pacific. Another feature was the weakness of Rock Island securities on abandonment of the reorganization plan. The debentures of the operating company fell almost eight points to 60, but soon made partial recovery. Prices were disposed to rally after the initial decline, the leaders advancing to par above yesterday's close.

CALHOUN'S TOTAL DEFICIT REACHES SUM \$3,353,020

SAN FRANCISCO, July 22.—Revised figures compiled by L. R. Reynolds, auditor for the state railroad commission will show when they are reported at the next hearing before the commission next July that the total deficit of the United Railroads is \$3,353,020. This is a reduction of \$1,240,000 from the figures quoted Monday, and the difference is accounted for by dividends found to have been paid in 1906.

So the statement of funds missing now stands:
Withdrawn by Calhoun, supposedly for investment in Solano Farms, \$1,096,111.
Unaccounted for \$2,486,969.
Total deficit \$3,583,020.

FAVOR CHANGES IN GOLF RESTRICTIONS

NEW YORK, July 22.—From figures made public today by Robert C. Watson, president of the United States Golf association, the early returns in the poll of the 353 golf clubs affiliated with the association to ascertain the sentiment regarding a more strict definition of an amateur, show a preference for a change. Of the 45 clubs reporting to President Watson, 28 favored the proposed restrictions to correct certain alleged abuses of the present amateur rules.

The proposed changes in the rules would bar amateur players from accepting remunerations for writing out golf courses, for writing articles for newspaper explaining how to play certain shots and prohibit them from accepting free board and traveling expenses to take part in matches arranged for advertising purposes, or from accepting and using for advertising purposes certain makes of golf clubs and balls and other golf articles.

ROOSEVELT WANTS TO OPPOSE TREATY

WASHINGTON, July 22.—Colonel Roosevelt in a letter to Chairman Stone of the senate foreign relations committee today asked for an opportunity to be heard in opposition to the pending treaty proposing to pay Colombia \$25,000,000 for the partition of Panama.

CAMP ESTABLISHED FOR VISITORS JOSEPHINE CAVES

GRANTS PASS, Or., July 22.—For the convenience of visitors without camp equipment and who desire to visit the Josephine caves, Three Creeks Camp has been established at the junction of Cave and Sucker creeks by a number of citizens of Grants Pass. The camp is 4½ miles from the caves' entrance.

Why Not
Get the best smoke, Gov. Johnson, and also patronize home.

Catarrh is Often Deep Seated

Local Congestions May Indicate Much Internal Inflammation.



Just because catarrh affects the nose and throat, few people realize how deep-seated it may be until it creeps into the bronchial tubes and settles down into the lungs. The way to treat catarrh is to recognize the fact that it is in the blood. And there is only one blood purifier that can be safely used. It is S. S. S., the most powerful, the most searching, the most assimilative blood remedy known today, for it is not a mineral, but a vegetable remedy. The medicinal components of S. S. S. are relatively just as essential to well-balanced health as the nutritive properties of the grains, meats, sugars and fats of foods. Any local irritating influence in the blood is rejected by the tissue cells and eliminated by reason of the stimulating influence of S. S. S. You will soon realize its wonderful influence by the absence of headaches, a decided clearing of the air passages, a steadily improved nasal condition, and a sense of bodily relief that proves how completely catarrh often infects the entire system. You will find S. S. S. on sale at all drug stores. It is a remarkable remedy for any and all blood affections, such as eczema, rash, lupus, tetter, psoriasis, boils, and all other diseased conditions of the blood. For special advice on any blood disease write Medical Dept., The Swift Specific Co., 532 Swift Bldg., Atlanta, Ga. Carefully avoid any and all substitutes for S. S. S. There is nothing "just as good."

STREET CAR STRIKE TIES UP TRAFFIC IN RUSSIAN CITIES

ST. PETERSBURG, July 22.—Conflicts between the police and constables and the strikers occurred today in various parts of the Russian capital and the rattle of rifle firing was frequent. Numbers of police and strikers are known to have been wounded, but the list of casualties is not heavy.

Barriades were erected by the strikers of Plogoff street, but the police charged and captured the obstructions without loss.

Similar strikes are reported from Odessa, Reval, Baku and many other cities.

Trains on the Finland railroad were run today under military escort.

The street car service in the Russian capital was suspended today. The employees of the Central Street Railway company joined in the general strike called by the workmen as a protest against the drastic measures of the authorities at Baku and other provincial towns against strikers there.

Workmen in many trades have joined in the movement, and it was estimated this morning that 200 men had laid down their tools.

NELMS APPEALS TO UNCLE SAM

ATLANTA, Ga., July 22.—Marshall Nelms, brother of Miss Beatrice Nelms and Mrs. Elois Nelms Dennis, who have been missing from this city since early in June, left here today for Washington to appeal to Attorney General McReynolds to investigate the disappearance of the sisters. Nelms asserts he does not believe a letter received here by his mother, Mrs. John W. Nelms, from San Francisco, on July 8, was written by Mrs. Dennis. The message was typewritten and indicated Mrs. Dennis had killed her sister and was seeking her brother to kill him also. It is believed Nelms will bring this and other reported federal phases of the case to the attorney general's attention.



Crisco foods taste as good as they look and what is most important, they are digestible.

Crisco cookies, doughnuts, gingerbread, etc., are good for children, because Crisco is a pure and absolutely all vegetable cooking fat. It is the cream of food oils, made possible by the discovery of the scientific "Crisco Process."

Additional Crisco Facts

Crisco takes proper frying temperature without smoking up the kitchen. You can fry fish, then onions, then potatoes in the same Crisco, merely by straining out the food particles after each frying.

Crisco in place of butter in cookies, cakes, scalloped dishes, etc., gives proper richness at much less expense. Salt should be added when used in place of butter.

Crisco makes fried foods more delicious and wholesome. It makes digestible pie crust. Crisco cake is as rich as the most expensive butter cake.

Try Crisco in your favorite recipe. For shortening, use a little less than you would of butter or lard and in cake making, cream it thoroughly. Use plenty for deep frying, for the same Crisco can be used over and over.

New Cook Book Free

This new book by Marion Harris Neil, Cookery Editor, Ladies' Home Journal, gives 250 original recipes, is attractively illustrated, and tells many interesting and valuable facts about cooking and food products. It also tells the interesting story of Crisco's discovery and manufacture. It is free. There is also a quality edition of this book (regular price 25c) containing a total of 615 Neil Recipes and a Calendar of Dinners—365 menus of original and tasty meals. This book is bound in blue and gold cloth and is sent for five 2-cent stamps to those answering this advertisement. In writing for either, address Department 100, The Procter & Gamble Co., Cincinnati, Ohio.



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Prince Albert smashes the big joy gong whether you jam it into a jimmy pipe or roll it into an acehigh makin' cigarette, the like of which you never got next to before.

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Listen: You can never tell from where you're sitting how your picture's going to look. Nor can you tell how bully P. A. is until you fire up! It's a case of "show me." We've made a "show down" for millions of men everywhere.

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