

IS WATER PURE?

Mr. Albert Says Salem Supply Is O. K.

GREAT CARE IN FILTERING

Vast Mass of Sand and Gravel About Intake Pipe.

WHAT ARE SOURCES OF DISEASE?

May Be Milk, or May Be Contamination From State Institutions, Says the Capital City Champion.

SALEM, Or., Oct. 12.—(To the Editor.)—Approving of Salem's water supply, notwithstanding my vigorous disclaimer, you still accuse me of hostility to the State Board of Health. Now, unless Dr. Woods Hutchinson is authorized by his colleagues in the Board of Health to proclaim it as "Le Grand Monarch" of France, "I am the board," then he is not the board.

I understand there has been no determination of this matter by the board. There appears to be no report or other record in the premises, and I am reliably informed that the water company has been notified of my action of the board, the only notice or record being from Dr. Hutchinson and Dr. Pierce to the effect that the board had caused to be made both chemical and bacteriological examinations and found "no colonies of typhoid bacilli, nothing the matter with the water."

President Andrew Smith's statement reported in your paper of the 9th, viz: "I only regret it that we have not the matter premature publicity. My idea was that we should complete our evidence before giving it publicity," is a merited rebuke to the indiscretion of the board secretary, who should be held personally responsible for his unsupported assertions.

Alleges Suppression of Fact.

His first interview of the piping and your glaring omission to state positively that Salem's public water supply is the cause of two-thirds of the cases of typhoid fever occurring here within the last three or four months because the victims are supposed to have drunk of the water, but suppresses the fact that the board had procured the following mention of the water supply in analyses and bacteriological examinations, all of them refuting the charge, and showing "nothing the matter with the water."

He further suppresses the fact that he had directed the severest of tests to be applied to the suction pipe which crosses the slough, to ascertain if it be impervious to the application by a member of the board, throughout its whole length, of menthol blue, with the result that it was found perfectly tight. Indeed his statement in your paper of October 4, viz: "The board is informed that the pipe leaks and admits the water of the slough, but it has no reliable evidence to this effect," was made only four days after the test was made and after it had been reported to the board, by a member thereof, attesting the perfect condition of the suction pipe.

Source of Salem's Water.

I present herewith a plan showing the filter crib, 20x50 feet, divided into 12 individual cribs, each ten feet square, and a section of the intake or suction pipe. It will be seen from the plan that the crib is sunk in a solid bed of gravel and at a depth that brings the top of the crib two feet below the low water line, and the bottom of the crib below the bottom of the river bed. The top of the crib is perfectly tight, consisting of six layers of two-inch plank. The sides of the crib below the river bed are covered with water-tight sheet piling, and the water enters the crib to go in below the bottom of the river, the bed of the crib not being enclosed. Below are about eight feet of the crib below the bottom of the river bed for filtering purposes. The intake pipe enters the crib at a point seven feet below low water line and extends downward into the crib nine feet, making the point of intake 12 feet below the low water line and below the bottom of the river bed. The whole is completely covered with 11 feet of gravel, leaving the gravel bar in its natural condition. The water thus drawn from beneath the bedrock below the bed of the river is conducted from the crib through the 34-inch intake or suction pipe to supply the large main which forces it through the mains to the consumers.

When Infection Comes.

Now, the only reasonable theory which will account for the spread of the disease from its original source, viz: Mill Creek and the wells infected by its water, is that the infective bacteria, which its victims have entered the intestines of others, and granted the imperviousness of the water company's suction, the location of the intake being beyond the island and above the city makes infection from that source a physical impossibility. This fact, too, was suppressed by Dr. Hutchinson, originating beyond the question of the state institutions and reaching the city through them, indicates that the cause of its continuance should be sought within the range of possible contamination.

Might Be Shorter Word.

Propos of this statement: Some persons, he remarked, imagine that typhoid bacilli, in order to work damage, have to be so numerous that a fine comb will rake them out. If the doctor really seeks to have the suction pipe examined by them, but the board apparently deemed this unnecessary, and have relied upon the color test, above noted, with the result stated. Dr. Hutchinson's assertion in one of his characteristic interviews that "Mr. Albert may yet have an opportunity to give the water to Salem Hospital," suggests the thought that the uncertainty as to the hospital receiving \$500 on the result of the controversy can be dispelled if the doctor will evince the same confidence in his opinion that I have in mine.

Milk a Source of Infection.

"Senate Document 441" of 57th Congress, entitled "Milk in Relation to Public Health," gives a tabulated history of 125 milk epidemics of typhoid involving

over \$300 cases and causing 821 deaths, from which report I quote: "In 148 of these epidemics there is evidence of the disease having prevailed at the farm or dairy. In 67 instances it is probable that the infection reached the milk by the germ of the disease in the well water with which the utensils were washed, and in 15 instances the intentional dilution with polluted water is a matter of evidence."

"In No. 184 the bacteria coli commune was demonstrated in the wash water. In Nos. 149 and 188 it is claimed that the specific germ of typhoid fever was isolated in the water supply, and in No. 188 sewage bacteria were found in ice cream sold by street vendors. In seven instances the infection is attributed to the cows drinking or wading in sewage-polluted water and meadows. In four instances the infection was spread in ice cream prepared in infected premises. In seven instances the infective germ was traced through milk delivered at creameries. In 24 instances the dairy employees also acted as nurses. In ten instances the patients, while suffering from a mild attack of enteric fever or during the first week or ten days of their illness, continued at work, and those who are familiar with the personal habits of the average dairy boy will be able to understand the manner of direct digital infection. In one instance the health officer believed the milk was infected by absorbing exhalations from the patients, and its contents while being carried down the stairs."

This recalls the recent typhoid epidemic at Stanford, resulting in an unusual number of fatalities. "The water supply was first suspected, but chemical and bacteriological examinations proved it to be innocuous, but an examination of the milk supply disclosed the presence of the typhoid germ, which was traced to the water in which the utensils were washed, the new milk being a splendid culture for colonies of the germ."

Now, it is known that in the family of the proprietor of one of the dairies supplying Salem with milk there has been a case of typhoid fever, now convalescent and I know of an instance where milk was furnished by one family in which was a case of the fever, which resulted within the period of incubation in a case of typhoid fever in the family supplied.

If the secretary would drop his microscope and stop talking long enough to have done a little detective work at Salem, he might be better qualified to account for the spread of the disease beyond its original bounds, than by looking for microbes at long range through a microscope or telescope.

Water as Pure as Bull Run.

In view of all these facts, viz: the isolation of the water supply and the ease with which the disease may be spread through other media, I can as confidently say of Salem's public supply as Dr. Hutchinson does on the same grounds of a well-authenticated case of typhoid fever in the family of the proprietor of one of the dairies supplying Salem with milk there has been a case of typhoid fever in the family supplied.

Board of Trade Reorganizes for Active Work.

OREGON CITY, Or., Oct. 12.—(Special.)—The Oregon City Board of Trade has been reorganized for active work in the interest of this city and Clackamas County. Articles of incorporation have been signed by the following named representatives: George A. Harding, W. A. Huntley, Frank Busch, B. E. Charman, D. C. Latourte, E. G. Caulfield, G. B. Dimick, Franklin T. Griffith and C. H. Dye. The board is incorporated with a capital stock of \$3000, of shares of the value of \$30 each.

TRAMP FATALLY INJURED.

GOES TO SLEEP ON TOP OF A TRAIN AND FALLS OFF.

ALBANY, Or., Oct. 12.—(Special.)—Frank Marchant, tramp, was probably fatally injured while attempting to board a train from Portland to Albany. When the train was near Millersburg, a station two miles below Albany, Marchant fell from the train and was killed. He had a fractured hip and internal injuries. The injured man said he was riding on top of the train when he went to sleep and fell off. He was brought to Albany and placed in the local hospital as a case of internal injuries.

Receives Santiago Battle Medal.

OREGON CITY, Or., Oct. 12.—(Special.)—Fred Nelson, of this city, who served as trainer on the battleship Oregon during the Spanish-American war, has been awarded the medal to which all of the active participants in the naval engagements of that campaign are entitled. The medals are made of the cannon steel that was captured at the battle of Santiago. The medals are circular in form about the size of a dollar and are suspended from a bar on which is inscribed the name of the battleship on which the wearer served. On one side of the medal appears the profile of Admiral Sampson about which is the inscription: "United States Naval Campaign, West Indies, 1898." On the reverse side appears the inscription: "Santiago de Cuba," beneath which is pictured a gun crew in action with an officer in charge.

To Ratify Street Contracts.

ASTORIA, Or., Oct. 12.—(Special.)—A special meeting of the City Council has been called for tomorrow afternoon to ratify the action of the street committee in letting contracts, and the improvement of Sixteenth street, over which a suit is now awaiting the decision of the Circuit Court. The remarks of Judge McBride at the hearing of the suit, in which he said he doubted if the Council had the right to delegate to a committee the power of making contracts, is responsible for the proposed action of the Council.

First-Class Gunners' Badges.

ASTORIA, Or., Oct. 12.—(Special.)—First-class gunners' badges have been awarded to ten gunners stationed at Fort Columbia. Those receiving the badges are Sergeants DePries, Clancy, Johnston, Guffey, Dobson, Duncan, and Corporals Edoff, Griffith, Crawford and McComber.

TO TEACH FARMING

A New Study for Common School Course Proposed.

SUPT. ACKERMAN FAVORS IT

Would Require Teachers to Pass Examination in Elements of Agriculture—Education Should Be More Practical.

SALEM, Oct. 12.—(Special.)—The teaching of the elements of agriculture in the common schools of Oregon is advocated by Superintendent of Public Instruction J. H. Ackerman. The purpose of the introduction of this study would not be to teach the children the technical side of scientific farming, but rather to give them an understanding of such elementary facts and principles as every young man who resides in an agricultural country should know. Superintendent Ackerman believes that at some future time such a study should be placed in the common school course, and that before the teaching of this branch is commenced time should be given for the teachers to prepare for the work by his initial interview, judging it to be in the interest of every applicant for a teach-

STATE BAPTIST ASSOCIATION.

Good Attendance at Opening Session at Oregon City.

OREGON CITY, Oct. 12.—(Special.)—

LET WARDEN FIX DATES

JUDGE MCBRIDE'S PLAN FOR REGULATING SALMON SEASON.

Sturgeon Cases Settled by Schmidt and Lindenberger, Cold-Storage Men, Pleading Guilty.

ASTORIA, Or., Oct. 12.—Circuit Judge McBride today offered an excellent suggestion with reference to the manner in which the closed fishing season should be regulated. Of late there has been much agitation for an extended season, because of the fact that the season usually terminates during the height of the run of hatchery salmon. The 1903 season closed at such a time, whereas had it been extended for two or three weeks fully \$1,000,000 worth of fish, additionally might have been packed, without damage to the quality of the Chinook output. Judge McBride's suggestion is that the Legislature enact a law clothing the fish warden with authority to decree by proclamation the dates for the opening and closing of the season. A law of this kind would, in the opinion of Judge McBride, make available for packing purposes the immense runs of hatchery salmon that usually enter the Columbia River. Under a law of this kind, the fish warden could declare the season closed at such time as the quality of fish was seen to deteriorate. It would be in the hands of the warden to vary the time of the entrance into the river of the hatchery runs varies as much as three weeks, it is impossible to prescribe by statute the duration of a season that would reap the benefits of the wonderful results which are being attained at the

TWO PLACES ARE OPEN.

Recommendations for Places on State Board of Agriculture.

SALEM, Or., Oct. 12.—(Special.)—Gov-

READY TO DO BUSINESS.

Corporations File Articles With Secretary of State.

SALEM, Or., Oct. 12.—(Special.)—Articles of incorporation were filed in the office of Secretary of State Dunbar last week as follows: Oregon & Kentucky Coal Company, Portland; \$1,000,000; P. J. Jennings, R. J. Jennings, J. C. Veazie, Myrtle Edmin Mill Company, Myrtle Point; \$25,000; P. Phelan, F. N. McClean, W. E. Pike. Home Real Estate Company, Baker City; \$400; H. W. Estes, R. D. Carter, J. J. Williams. Monarch Consolidated Gold Mining Company, Portland; \$5,000,000; Andrew C. Smith, W. G. McPherson, L. H. Hamilton. Norman Towing Company, Portland; \$10,000; W. S. Copeland, O. A. Peterson, S. L. Woodward. Herald Publishing & Engraving Company, Baker City; \$10,000; Letson Balliet, Charles W. Hill, L. Bush Livermore, W. M. Moore. Schallcock & Daggett Company, Klamath Falls; \$10,000; C. H. Daggett, H. Fred Schallcock, Fred L. Lumsden. Northwest Drug Company, Portland; \$175,000; O. F. Paxton, J. V. Beach, N. D. Simon. Ford's Business Chances, Portland; \$500; Joseph Ford, Ida C. Scott, Frances Moody. Sucker Creek Mining Company, Holland; Josephine County; \$10,000; R. W. Wehrung, L. L. Langley, May Kelly. Eastern Oregon Mining, Milling, Transportation, Smelting & Generating Company, North Powder, Union County; \$5,000,000; H. O. Gorham, W. H. Gorham, George H. Downs.

Circuit Court at Salem.

SALEM, Or., Oct. 12.—(Special.)—Judge Burnett opened the regular October term of court this morning with a light docket before him. No trials were had today. Charles W. McClannan, of Portland, was arraigned on a charge of malicious mischief, and pleaded not guilty. He will be tried in January. McClannan is the automobiler who is charged with scattering a hot air balloon last July. George F. Wittling was indicted on a charge of gambling and will enter his plea tomorrow. Charles Hammond pleaded guilty to a charge of petty larceny and was sentenced to three months in the county jail. George Appleyard pleaded guilty to assault and was fined \$10.

Governor Invited to Speak.

SALEM, Or., Oct. 12.—(Special.)—Bishop Charles O'Reilly, of Baker City, has invited Governor Chamberlain to be present and deliver an address at the formal dedication of a new hospital which has been erected at Pendleton at a cost of \$40,000. The hospital will be conducted by the Sisters of St. Francis. As the Governor has gone to Washington, D. C., and will not return until about November 1, it is doubtful whether he can accept the invitation.

Date of Irrigation Convention.

SALEM, Or., Oct. 12.—(Special.)—The annual session of the Oregon Irrigation Association will be held at Pendleton, November 8, 9 and 10. Governor Chamberlain has been invited to be present and deliver an address. It is expected the Governors of Washington and Idaho will be in attendance and will deliver addresses.

Try Added to Prison Roll.

SALEM, Or., Oct. 12.—(Special.)—Two prisoners were received at the penitentiary today from Malheur County. They are Percy Smith, sentenced to one year for larceny by ballot and W. J. Sigmund, sentenced to one year for horse-stealing.

MRS. ETHEL WATKINS

GIVEN THREE MONTHS TO LIVE BY A COUNCIL OF DOCTORS.

Cured of Anemia by Dr. Williams' Pink Pills After Ordinary Medicines Had Failed.

From a despondent woman, given up to die by the best physicians she could summon, Mrs. Ethel Watkins, of No. 112 Parker street, Scion, Pa., has become well and cheerful, a living, enthusiastic endorsement of the remedy to which she owes her life and health. Mrs. Watkins was afflicted with anemia, a disease in which the blood becomes so deficient as to be unable to furnish the tissues of the body with necessary nourishment. Every organ is starved and the patient becomes rigid and feeble in appearance. If this condition is not quickly remedied it runs into persistent anemia, one of the most hopeless of diseases. In Mrs. Watkins' case, as usually happens, the character of the disease was not discovered until it was well advanced. She says: "If I happened to scratch or cut myself no blood would flow—just a watery-looking fluid, less than ordinary thin, white as a sheet and without a bit of strength. Three doctors attended me and all said I could not live three months. I had no appetite, my heart was weak, sleep did not rest me and I became despondent. "The doctors' medicines did not help me and neither did anything else that I tried until, upon the advice of a friend who had been cured of anemia by Dr. Williams' Pink Pills for Pale People, I began using them. They helped me almost immediately and, by the time I had taken seven boxes, cured me. I am always glad to recommend Dr. Williams' Pink Pills for Pale People to others."

The power of Dr. Williams' Pink Pills in diseases of the blood and nerves has been shown in hundreds of cases which have not yielded to ordinary treatment. Dr. Williams' wonderful discovery, as embodied in these pills, has cured obstinate cases of locomotor ataxia, neuralgia, St. Vitus' dance, sciatica, neuritis, rheumatism, nervous headache, the after-effects of the grip, palpitation of the heart, pale and sallow complexion and all forms of weakness either in male or female. Dr. Williams' Pink Pills for Pale People are sold by all dealers, or will be sent postpaid on receipt of price, fifty cents a box; six boxes for two dollars and a half; by addressing Dr. Williams Medicine Co., Schenectady, N. Y.

DISSENTS, DIARRHOEA, CHOLERA MORBUS.

Internally—A half to a teaspoonful of Radway's Ready Relief in a half-tumbler of water, repeated at intervals of one hour, until relieved, and after the discharge continues, a cold saturated with Ready Relief placed over the stomach for Pale People, it affords immediate relief, and soon effect a cure. A half to a teaspoonful in a tumbler of water will, in a few moments, relieve Cramps, Spasms, Stomach, Nausea, Vomiting, Headache, Flatulency and all internal pains.

BAIT FOR TROUT-FISHING.

Salmon Caught at Oregon City Merely by Their Eggs.

OREGON CITY, Or., Oct. 12.—(Special.)—Complaint is made by local fishermen that salmon are being caught in the Williams' slough at this point regardless of the fish laws of the state. It is represented that salmon are being caught and the eggs taken merely by the use of a bait of salmon bait for trout fishing. This bait is apparently being carried on in open violation of the law, and fishermen who are observing the statutes regulating the catching of salmon desire to call the attention of the State Fish Warden to the infringement of the law in order that the law-breakers may be prevented from following their illegal practices.

Where Feed is Plentiful.

ASTORIA, Or., Oct. 12.—Colonel Judson, agricultural agent for the O. R. & N., predicts a hard winter for cattlemen, because of the scarcity of hay, due to the fires in Southern Oregon and the short-cropped Eastern Oregon. Colonel Judson says utilization of pasture lands of the Lower Columbia district will be necessary in consequence. In accordance with the law, in order to secure the shipment to Clatsop and Columbia counties of bands of cattle from the regions where the hay shortage is so pronounced.

Fatally Kicked by Horse.

COLFAX, Wash., Oct. 12.—(Special.)—Willie Davis, the 16-year-old son of W. A. Davis, of Steptoe, died today from the effects of a kick on the temple by a horse Saturday. His skull was frightfully crushed. He never regained consciousness after being kicked.

Lounsbury's Successor.

ASTORIA, Or., Oct. 12.—(Special.)—George W. Roberts, formerly of the O. R. & N. Co.'s general office in Portland, has arrived here today to fill the vacancy as commercial agent of the company in this city, caused by the resignation of G. W. Lounsbury.

C. GEE WO

The Great Chinese Doctor

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