Klamath Falls' First and Best Daily.

The Evening Herald

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THIRD YEAR. No. 870

KLAMATH FALLS, OREGON, MONDAY, MAY 31, 1909.

FENCES ON MAIN CANAL ALLOWED

Rights of Way Must Be Kept Open On Big Ditch

A circular containing the substance of rules to fence and protect main canal rights of way has been issued to the land owners by Mr. Bellman of the maintenance and operation department.

It is necessary for ditch men to fill parts of rights of way controlled by the government, and in such cases it is imperative that rights of way should be open. In cases such as the main canal and South branch, no fences should be put on the right of way. Gates should cross them at all times. Where public roads cross main canals the gates will be put in proper shape.

Where cross laterals land owners are not allowed to obstruct in any way the flow of water in such laterals. Where fences cross lateral or government laterals in land owners must put in gates ten to twelve feet wide. Such gates should be well hung on hinges or other suitable devices. Where fences cross laterals in fields containing stock such obstruction as the gates in the lateral must consist of wire gates which swing open when water is flowing and close when turned from the canal. Where laterals cross public roads gates will be installed by the government.

A general rule is adopted whereby owners are required to get permits from proper authority before building fences, gates, bridges or ditches on government rights of way.

Parties are not asked to give notice to land owners to open up government rights of way in fields so as to allow convenient passage of irrigation employes and team.

SEWAGE DISINFECTION

Modern Treatment of an Old Problem.

The problem of purifying sewage so that it no longer transforms the water into which it is discharged into a sewers has been so far solved that some streams need no longer be offensive to the senses and dangerous to the health of people living near them. The task of destroying disease-breeding bacteria in the sewage and once more making the water available for drinking water has not yet been worked out on a commercial basis, but investigations recently made by the United States Geological Survey in co-operation with the Military Research Laboratory of the Massachusetts Institute of Technology and local authorities at Boston, Baltimore and at Reb Bank, N. J., show that this end, too, may be achieved at a reasonable cost.

The essential agents of sewage purification are provided and employed by nature, and sewage purification as practiced today is but the intelligent application of these natural agencies. The improvements that have been made have not involved the discovery or application of new principles, but have merely increased the working efficiency of the natural agencies. From the old time sewage irrigation field, with its maximum capacity of possibly 10,000 gallons an acre in twenty-four hours, to the present day trickling filter capable of dealing with two or three million gallons an acre a day, improvement has been steady.

The old time methods, however, really destroyed the polluting substances, while the modern sewage filter does not. The liquid flowing from these filters looks as clear as and contains no more than the original sewage. There is almost as much organic matter in it as in the raw sewage and sometimes more. Its nature, however, has been changed, the organic matter, though not destroyed, has been changed in quality, odor and the clarifying has been sufficient to inhibit its putrefaction. In other words, its chemical composition has been so altered that it can no longer undergo rapid putrefaction and cause a nuisance.

The water however, still needs filtration to make it fit to drink. Moreover, it may and in many cases does contaminate water bodies, thus spreading disease and leading to ruin a great industry.

It has not yet been decided upon whom the responsibility rests for keeping the rivers clean, but the consensus of competent opinion requires that if sewage is discharged within the region of important shellfish beds or into a stream which is used as a source of domestic water supply without filtration, such sewage shall at least be free from disease-bearing germs.

Results of Geological Survey Experiments.

The Geological Survey experiments, which are set forth by Earle B. Phelps in Water-Supply Paper 229, just issued, show that the application of a small amount of available chlorine in the form of bleaching powder to the customary "purified" sewage effects satisfactory disinfection. The removal of bacteria by this means averages over 95 per cent, making the removal for the whole purification process 98 to 99 per cent of the number in the crude sewage. The cost of disinfection ranges from $1 to $1.50 per million gallons of sewage, depending chiefly on the size of the plant. Five parts per million of chlorine probably represents the maximum amount required for the treatment of trickling-filter effluents of pooled quality. The results obtained do not, of course, amount to complete sterilization, but they may reasonably be called "practical disinfection." Considerable additional cost is required to improve them but slightly. Mr. Phelps' paper may be obtained free of cost from the Director, United States Geological Survey, Washington, D. C.

The San Francisco and Portland Steamship Company of Portland will give a prize of $50 for the most appropriate names for the two new 5000 ton steamers for the San Francisco and Portland line. Each person suggesting names will give their full name and address and reason why the names should be appropriate to or characteristic of the State of Oregon. In case a single name is selected from two different competitors $50 will be divided between each. This competition is inaugurated solely with a view to allow the people of Oregon to name these ships suggestive to the interests of this State. The lists close June 15.

Poros knit and B. V. D short sleeves undershirts and knee length drawers at the K. K. K. Store.

High School Students Will Present "The Rivals"

Erwin Rolfe

Atta Griffith

Elsie Stout

Mamie Boyd

Will Hurn

Garrett Vanliper

Carlisle Yaden

Vi[illegible]

HIGH SCHOOL COMMENCEMENT EXERCISES ALL THIS WEEK

KLAMATH BOYS WIN.

The Klamath Falls team went to the Dorris nine in good shape yesterday and cleaned them up to the tune of 15 to 2. The Dorris boys made a good start, and it looked for a time as if it was going to be a close game but the support was not very good, and some of the players began to weaken. Tabor pitched a strong game, and had he better support the score would not have looked so bad.

The Klamath Falls team put up the best game they have played this season, and showed the people what they could do. Wheat in the box and Ball behind the bat really won the game by their excellent work. Daggett on first did some brilliant work and the outfield came through with the goods on every occasion. The players are getting used to the game, with the result that the team work has improved wonderfully. The line up of the two teams was as follows:

Dorris	Position	Klamath Falls
Tabor	p	Wheat
Gray	c	Ball
Moore	1st b	Dagget
Dram	2d b	Shives
Creason	3d b	Kinney
Messie	s s	Benson
Small	r f	Clift
Palmer	c f	Houston
Jones	l f	Weider

See those split bamboo pearch shades at Bolbert's. Just the thing to keep the sun from the pearch. He has them in all sizes to fit any pearch. 26

Timber Location—Can locate you on a claim that will cruise approximately 1,500,000. Not more than 10 miles from city. See Wm. Wagner, Stitts Bldg. Phone 603. 28tf

First Appearance of Students Tonight at Opera House

The High School students who are to take part in "The Rivals" at the opera house tonight:

Sir Anthony Absolute	Vincent Yaden
Kneign Beverly	
Captain Absolute	
	Erwin Rolfe
Faulkland	Carlisle Yaden
Rob Acres	Garret Van Riper
Sir Lucius O'Trigger	Will Hurn
Miss Malaprop	Elsie Stout
Lydia Languish	Mamie Boyd
Julia	Atta Griffith

After the Senior play, which is to be given tonight, the cantata, "The Rose Maiden," will be the next program of the High School Commencement. This cantata is made up of a number of fine choruses and beautiful solos, and can be given in an hour and forty-five minutes. Among the soloists Burge Mason and Mamie Boyd have been heard frequently, and the public is familiar with the excellent quality of their singing. Erwin Rolfe and Mildred Wilson will appear for the first time in solo work, and in them a surprise awaits the audience. They are both doing excellent work, and will present their respective parts in a very pleasing style. The cantata will be given Thursday evening.

UPPER LAKE NOTES.

A party of railroad surveyors started in this morning to plat a portion of the old Hanks place east of the new saw mill. A location is being made for track and docks on the water front.

Captain Hansberry's new boat, the Happy Hooligan, is in commission. He used her for a few days as a pile driver boat while working on the log boom at the new mill, but is now up the lake after a raft of logs.

The steamer Mazama is again in commission, and looks gay in a new coat of paint and other improvements.

It is not generally known that an ex-Central American insurgent officer of high rank is a resident in a quiet corner of Klamath Falls, but such is the case. Having become weary of strife in a country where no stable government exists he has taken up his residence under the old stars and stripes which is really the land of his nativity. He has followed the phantom of a revolutionist and found it a glittering fraud. The officer doesn't wish his name given in this connection, not wishing to court unwanted notoriety, otherwise he is personally known to many of our citizens as a fellow townsman, not the ex-soldier of fortune.

Something very much resembling croppings of coal has been uncovered on the west coast of Howard Bay. Will do to investigate further.

Another prehistoric or antediluvian specimen was picked [illegible] shores of White Lake a few days ago and a lovely jasper was picked up by a geologist in the suburbs of the town.

The navigators of the steamer Hornet have received from Portland a splendid sand pump, which they will use in loading barges with sand at the mouth of Wood River and Modoc Point.

Tom White, former watchman of the Long Lake Company, is very sick at present writing. He came up from Yuma, Arizona, and the great change in climate is too much for Tom.

Mrs. Jamison has been nearly blind

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Local View Post Cards

We have collected the most C[illegible] of Local Views to be found in town. We [illegible] in colors, of German print, from photo[illegible] to order.

Over 75 views in [illegible] points of interest in this county. [illegible] adding New Views. Come in and look [illegible]

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