

WINNIPEG, MAN.

Among the many propositions in the air for the supply of natural gas to various cities in the West, there is one which aims at supplying Winnipeg from wells south of Lethbridge, Alta. This undertaking would involve pipe lines over 700 miles in length.

WATER CHLORINATION.

Taste Not Due to Excess of Chlorine.

There seems to be considerable uncertainty concerning the chlorination of the city water, many people believing that the chloride of lime is added as a powder and only on certain days. Such is not the case.

A weighed amount of chloride of lime containing about one-third of available chlorine soluble, and about two-thirds lime insoluble, is stirred by mechanical means with a definite volume of water for five hours. The solution thus obtained is allowed to settle twelve hours. All of the lime separates out and is discharged into the sewer. The clear solution containing the chlorine is run into storage tanks, and subsequently a measured quantity flows into the water through a valve, which cannot be opened or closed accidentally, thus avoiding error. This solution has been running into the city water every minute of each day during the last four and a half years.

Whether the necessary amount of chlorine for safety is present or not is ascertained by a simple food-proof chemical test taken each hour. By this method the operator knows whether he is getting efficiency. No more chlorine than is actually necessary for safety's sake enters the water.

The taste which some times develops in the city water is not due to carelessness, but due to certain organic matter which is present in some types of water, that vary according to the wind. Chlorine "hooks up" or combines with this organic matter, forming other chemical compounds which give the taste. This taste, which may be fishy, weedy or chemical, although disagreeable is entirely harmless.

The average dosage for Toronto water is only 90 pounds of chlorine to 450,000,000 pounds of water, the usual daily quantity.—Health Bulletin, Toronto.

TELEPHONE INSTALLED ON DESERT TO AID MOTORISTS.

The road between Delta and Grand Junction, Colo., crosses a desert some 25 or 30 miles in extent and on this stretch there is no habitation of any kind. The road is not in very good condition and motorists have had a great deal of trouble.

Upon the order of the Grand Junction Motor Club a telephone has been installed on this road for the convenience of motorists in trouble. The new road maps show the location of this telephone and motorists who have trouble now on the desert can call help from either Grand Junction or Delta if they are able to reach this telephone. The instrument is of a special weatherproof type.

NEW HOTEL IN EDMONTON.

The latest addition to the great chain of Canadian hotels built by the Grand Trunk System is "The Macdonald" in the City of Edmonton, Alberta. This beautiful house, which overlooks the valley of Western Canada's greatest river, the Saskatchewan, is described and pictured in a new booklet issued this week by the railway company.

In point of situation, beauty of design and furnishing The Macdonald ranks with its two famous sister hotels, "The Chateau Laurier," Ottawa, and "The Fort Garry," Winnipeg. It has been specially planned to appeal to the commercial man as well as to the tourists attracted to the great scenic territory along the line of the Grand Trunk Pacific Railway, a territory which includes Jasper, and Mount Robson parks,—the Dominion's newest and loveliest National playgrounds.

Travellers will find in the new hotel not only elegant accommodation but the high standard of service which characterizes all the hotels of the Grand Trunk System.

Copies of this booklet can be obtained on application.

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