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That Alliance has one of the best banks in Nebraska.

That this bank performs with intelligence and discretion any legitimate banking service it can properly undertake is proven by the volume of its business.

Our business now foots over

\$622,000.00

We thank our friends and customers for this splendid showing.

The First National Bank of Alliance

The First National Bank, CHARTER NO. 426.

At Alliance, in the State of Nebraska, at the close of business, November 27, 1908.

Table with columns for RESOURCES and LIABILITIES, listing various bank assets and liabilities with their respective values.

REPORT OF ENGINEER ROSEWATER RECEIVED

Work Started by Commercial Club Being Carried On

The following report from Engineer Rosewater, of Omaha, who was here a few days ago, was received by the city council and acted upon at the meeting last evening.

Omaha, November 25, 1908. To the Honorable, The Mayor and City Council, Alliance, Nebraska.

Gentlemen: As promised when visiting your city, I herewith submit to you an abstract of my views relative to plans and cost of sewerage system suitable for the City of Alliance when it shall have attained a population of twenty thousand.

The City of Alliance lies exceedingly favorable for the installation of a system of sewers. The topography of the City is such as to admit of a slope from the North, West and East, towards the line of low depression which traverses the City in a North-westerly and south-westerly direction along the east line of the present townsite.

Of the character of Alliance cannot, as a rule, provide for a storm water system of sewers and provisions for the dissipation of storm water over the surface of streets, can be readily provided for by an adequate system of grades. The disposal, however, of house sewerage is a matter of great moment from the standpoint of convenience to householders as well as from a sanitary standpoint.

The separate system of sewers which has a population of about five thousand. The excremental waste from such population amounts to about four pounds per capita daily, making a total of ten tons per day deposit in the soil. This, in a year, amounts to three thousand six hundred fifty tons. It does not require any appeal to reason to convince the most skeptical that a city with no provisions for the disposal of so much putrid matter, will soon expose itself to disease, resulting from the putrefaction going on in the soil.

The separate system of sewers which admits of the disposal of all liquid and excremental waste at a minimum cost, comes within the reach of cities situated as Alliance is and it can be installed at a reasonable cost. The main requisites of such a system are the proper proportioning of pipes which, with automatic flushing devices at the upper ends, can be made to readily dispose of all waste emptying into them to a suitable outlet beyond the city. It being desirable to accomplish this, the pipes must be so proportioned with reference to grades as to develop a self-cleaning velocity when running half-full. Such a velocity, I find upon computation, can be developed in a sewer system in your city.

It is the custom, and very properly so, for cities in constructing sewer systems, to tax the entire city for the construction of the main intercepting sewers and their sub-mains into which all laterals discharge.

In the plans submitted to me, upon which my opinion is asked, the size of the mains and sub-mains is ample to meet the requirements of a population of over twenty thousand and the estimate of cost of the sewer system itself is, if anything, in excess of the amount requisite for that purpose.

There are some features connected with the arrangement of pipes with respect to developing velocity and also more particularly with respect to the utilization of mains wherever practical for doing double duty of mains and laterals which admits of considerable improvement and I have shown such arrangement as will admit of a material reduction in the investment for laterals upon the plans which I herewith transmit.

I have also provided sub-mains to serve the territory a quarter of a mile to the North of Alliance as well as the territory to the east of the same. The mains, by being extended to the west will also admit of con-

siderable enlargement of area in this direction, their capacity being ample for such extension.

I transmit herewith plans slightly varying from one another both of which, in my opinion, will admit of greater economy in the arrangement of pipes.

As per plan 2, for that part of Alliance lying north of the B. & M. railroad, and west of Mississippi avenue, but including the extension of the main to the south limits of South Alliance, the approximate cost is as follows:

Table listing costs for various sewer pipe and manhole specifications, such as '740 feet of 8-inch mains including 2 manholes'.

Total... \$18970 00. In this arrangement, 5670 feet of mains extend through alleys and will perform double service as mains and lateral district sewer. At eighty cents the price which should be taxed for laterals, there should be deducted from the total cost, \$4,536.00, making an actual cost of the mains for the section referred to, of \$14,434.00.

Provisions have been made as will be seen on the plan, of a main sewer extending east and west along the center line of the County road from the west, to the east of Alliance, covering 4,520 feet of 10-inch pipe and 14 manholes, at a total cost of \$5898.00. This amount is included in my total estimate, but may be omitted for many years, until required by the growth of the city.

Provision is also made for East Alliance, by mains through the center line of Idaho street extended east, and along the north line of the B. & M. railroad. This embraces a total of 2420 feet of 10-inch pipe and five manholes at a total cost of \$2033.00.

Adding to all this, \$2500 for engineering and supervision, we have a total cost of the mains and sub-mains for a pipe system, of \$25,865.

The disposal of the sewerage required, taking it to the south line of South Alliance, may be done in one of several methods but, for the present, in my judgment, the most economical method is by the purchase of forty acres, estimated at \$2,000 and the construction of a sedimentation, or septic tank, at a cost of \$10,000 and providing for either temporary filtration or irrigation over the forty acres and utilizing the same for garden farming. Allowing \$7,000 for the latter purpose, we have a total necessary investment at this time, of \$19,000 for the treatment and disposal of sewage which, added to the \$25,865 already called for, makes a total of \$44,865, or roughly speaking, \$45,000. In this system there will be automatic flushing tanks at the terminal points through the medium of which, the entire system will be kept in a continuously clean condition. Thirty-six flushing tanks will be required, which will consume 20,000 gallons of water daily in flushing the sewers.

Trusting that I have fully answered the questions involved, in reference to the main sewers and the general sewer system of the city, and acknowledging with thanks courtesies extended to me during my visit to your city, I am Very sincerely, ANDREW ROSEWATER, Consulting Engineer.

After reading the report it was placed on file until a report could be received from the city attorney stating what step should be taken next. Inasmuch as Mr. Rosewater states that the plans and pipes specified are adequate for a city of twenty thousand people, and that \$45,000 will build the system, there is very little doubt about it carrying. Alliance is being held back at the present time by a lack of sewerage. LLOYD C. THOMAS, Sec. of Alliance Commercial Club.

Bound Over to the District Court

The preliminary hearing of Charles Brower, who on Sunday night, November 8th, shot his sister, Edith, and Frank Augustine, charged with statutory rape against Brower's sister, came up for hearing before Judge Bullock last week. Brower was bound over to the district court in the sum of \$500,

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The preferred winter styles in the best of values, at all prices from

\$10 TO \$30.

NORTON'S

CONTRIBUTIONS TO SISTERS' ACADEMY

Weekly Report of Payments Toward The Erection of the School Building.

HOW THE FINANCES STAND TODAY

Table listing names and contribution amounts for the Sisters' Academy, including Dan Dunn, Watson & Watson, J. Manion, etc.

C. A. Anderson Disposes of Blacksmith Business

C. A. Anderson, Alliance's old reliable blacksmith, disposed of his shop this week to Messrs. Rosenkranz & Meints, who took control of the establishment Tuesday morning. Mr. Rosenkranz is an experienced horse shoer and will no doubt sustain the trade built up by Mr. Anderson in this particular. Mr. Anderson will take life easy for a time at least for he has surely earned a rest after so many years of active life. The new firm no doubt will meet with success for they are both popular and competent.

Petition for Grand Jury

A petition was circulated this week by Mayor Smith and R. M. Hampton to ascertain the wishes of citizens in regard to calling a grand jury for this county to have the matter of illegal selling of liquor and any other violations of law which may be brought to their attention investigated. The petition was generally signed and if Judge Westover grants the request the jury will probably be called next month.

A remonstrance against the calling of a grand jury is being circulated today by C. L. Drake.

REAL ESTATE TRANSFERS

A. F. BALDRIDGE, Bonded Abstracter. George F. Tucker to John Meyer, 2 1/4 of 2-24-49. Charles A. Rowland to Roy Hickey, lots 1 and 2, blk 14, original town of Hemingford, \$2,500. J. A. Abbott to R. G. Hibbs, 2 1/4 of 26-28-49, \$1,400.

Equitable Land Co. to Inice L. McCorkle, 2 1/4 of 30-26-49, \$1.00 and val. The Bennett Loan & Trust Co. to A. L. White, 2 1/4 of 25-24-48, \$1.00. Morris S. Trimmer to John C. McCorkle, 2 1/4 of 25-26-49, \$1,600. See Dr. Warrick Thursday, December 17th.

HOLSTEN Headquarters for SCHOOL SUPPLIES

TABLETS NOTE BOOKS COMPOSITION BOOKS NOTE PAPER PENCILS PENS, INKS CHALK CRAYONS COLORED CRAYONS ERASERS and PAINTS

RULERS GIVEN AWAY AT HOLSTEN'S

DR. T. ALLEN, DENTIST

Painless Extraction Latest Methods - Safe, Sure - ALLIANCE NEBRASKA

Just Received! NEW LINE SHIRT WAISTS REGAN'S

FOREST LUMBER COMPANY We always give you the Most of the Best for the Least W. C. Hibbs, Mgr.

HARRISON'S HOME-MADE CANDIES AT Thiels Prescription Druggist DR. KREAMER, DENTIST Office in Alliance National Bank Bldg. Over Postoffice. Phone 391.

Christian Science services held every Sunday at 11 o'clock, in Odd Fellows' hall. All are cordially invited to attend. 50-1f.