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TOWN OF CAMPBELLTON REPORTS FOR YEAR 1911

Departmental Reports

STATEMENT OF WORK PERFORMED BY THE DIFFERENT DEPARTMENTS DURING THE PAST FISCAL YEAR

MAYOR'S REPORT

To the Ratepayers of the Town of Campbellton:
Ladies and Gentlemen:—

I respectfully submit the following synoptical reports of the work done by the different departments of the town service for the fiscal year ending Dec. 31st, 1911.

It is a matter of considerable satisfaction that the work of re-building has gone steadily forward during the year, and it is estimated that already there are as many permanent buildings erected as there were before the fire, and of a better and more substantial character.

The work of the Relief Committee was concluded during the past summer and you will be glad to learn that the balance on hand after closing up the books, amounting to over \$9000.00, was handed over to the town to be placed in a special fund for relief of the poor. Part of this money might well be used for the purchase of a site and the erection of an almshouse thereon; the balance being used for its maintenance, if necessary, thus decreasing the burden of taxation to that extent.

Both the Dominion and Provincial grants for the relief of the town have been paid, as can be seen from the financial statement, and the law regarding their disposition has been strictly adhered to.

Early in the year the Council decided to install a new electric light plant. A new site was procured on the water front from the Shives Lumber Co., where a large saving in the cost of handling coal could be made. This site affords ample room for the plant, besides a large wharf for the use of the public. In addition there will be room for the erection of a market building or any building that the Council may deem advisable to erect. A market would be of great convenience to your citizens. The installation of the new electric light plant has been about completed and with the exception of some minor troubles incidental to the running of any new plant, has been giving every satisfaction. It is confidently expected that the fuel bill will not be more than one half that of the old steam plant, thus making a considerable saving to the town.

The wisdom of the purchase of Smith Lake as a reserve water supply has been fully demonstrated during the past winter as on several occasions this reserve had to be drawn upon to keep up the supply for the town. It is certain that without this reserve we would have been without water several times.

In conclusion I wish to express the satisfaction felt by members of the Council in the manner in which the building laws have been observed. It will ever be a source of pride that the citizens, as a whole have been anxious to carry out the law in this respect, even at some personal loss and sacrifice in certain cases.

Yours respectfully,

A. McG. McDONALD,
Mayor.

WATER AND SEWERAGE

To His Worship the Mayor and Members of the Corporation:
Sir and Gentlemen:—

With your permission I beg to submit report of the Water and Sewerage Department for the fiscal year ending the 31st of Dec., 1911.

This department has made a good showing and progress and shows a satisfactory year's business. But I regret that the expenditures have been very heavy owing to the large amount of work that was necessary to be carried out by this department.

At the time the last report was made, December 1911, the system was not up to the standard of efficiency, owing to the great fire of July 1910, but it is now with pleasure that I state that the system is in a good state of efficiency. The work has been systematically carried on. The number of taps placed after the fire, for the convenience of the public, have been disbanded, as also have the taps at the relief houses, (so called). A great many water services have been repaired in old basements, and a number of the hydrants have also been repaired and improved by new parts. Three breaks appeared in the 10 inch main from the town reservoir during the summer and fall. This pipe line is now in good working order. The screens used for the purpose of screening the water supply to the town have been twice cleaned and overhauled. The quantity of water has at times been short but by constant attention to the preservation of waste a good supply has been kept up. An extensive break was repaired in the 10 inch main on the government wharf owing to the settling of this structure. During the year some 85 water services have been added to the system.

The following are the additions to the system during the year 1911:

Extension of the 4 inch main and 9 inch sewer to the town boundary on Gerrard Street.

The connecting of a 6 inch main on Stanley Street, east with the 6 inch main on Wellington Street west and 360 feet of 9 inch sewer, now making a complete circuit from Andrew Street to Prince William Street, thereby giving a better pressure to Prince William Street and the hospital.

New 4 inch main and 9 inch sewer on Hanover Street, running east off Central Street.

New 6 inch main and 9 inch sewer to a reserved street running west off Sugarloaf Street, which could be extended to Christopher Plats.

New 4 inch main and 9 inch sewer to a reserved street running west off Sugarloaf Street, first south of Duncan Street.

Alterations to the 10 inch supply main on corner of Sugarloaf and Gerrard Streets, which is now brought to a four way cast for this purpose, each having a control valve. This was originally on private property, being placed there by the Campbellton Water Supply Co.

New 9 inch sewer on Ramsay Street from corner of King Street 300 feet south, running north.

New 9 inch sewer on Ramsay Street from corner of Dalhousie Street 100 feet South, running north.

Many new gate valves have been placed upon the system, on existing hydrants and on new extensions previously mentioned in this report, thus dividing the system into small areas.

Fifteen new hydrants have been placed in important positions in the town, thereby reducing the fire risk in these sections to a great extent, but still others are needed.

The dam at Smith Lake, (so called) has been found upon examination to be in a dangerous state and will have to be replaced at no distant date with a more substantial structure.

GENERAL STATEMENT OF WORK

CAPITAL ACCOUNT

GERRARD STREET WEST—315 feet of 9 inch sewer and 4 inch water main, total cost, \$250.46.

Alterations to 10 inch main at corner of Sugarloaf and Gerrard Streets, total cost, \$779.77.

STANLEY STREET EAST—600 feet of 6 inch water main and 360 feet of 9 inch sewer, contractor for Excavation and laying sewer only, T. E. Stevenson; amount of contract \$1421.00, Total cost \$1951.74.

HANOVER ST.—4 ft. of 9 inch sewer and 4 inch water main, contractor for excavation and laying sewer only W. J. Christie, amount of contract \$751.20. Total cost \$1011.98.

RESERVED ST. OFF SUGARLOAF ST. NORTH OF I. N. R.—450 ft. 9 inch sewer and 6 inch water main; contractor for excavation and laying sewer only T. E. Stevenson; amount of contract \$280.25. Total cost \$675.30.

RESERVED ST. OFF SUGARLOAF ST. SOUTH OF DUNCAN ST.—420 ft. of 3 inch sewer and 4 inch water main; contractor for excavation and laying sewer only S. D. Harriman; amount of contract \$299.00. Total cost \$537.10.

RAMSAY ST.—Contract (1) laying 300 ft. of 9 inch sewer, contractor for excavation and laying sewer S. D. Harriman, amount of contract \$144.05. Total cost \$204.78.

RAMSAY ST.—(2) laying 100 ft. of 9 inch sewer, work done on this by town employees. Total cost \$43.17. The following new gate valves have been placed 3, 10 inch, 6, 6 inch, 17, 4 inch; the following are in stock 4, 4 inch, 4, 6 inch, 1, 8 inch, 2, 10 inch.

OPERATING ACCOUNT

WATER DEPARTMENT

Fifteen new hydrants have been installed in the following places:—

Cr. of Hanover & Central Streets, Stanley Street East, Mill Creek Bridge, Gerrard Street West, Cr. of O'Leary & Duke Street, Cr. of Central & Adams Streets, Cr. of Prince William & King Street, Reserved Street south of Duncan street, Matheson Flats, Cr. of Ritchie & Pleasant Streets, Cr. of Sugarloaf & Reserved Street, Duncan Street, Cr. of Cedar & Union Street. Repairs to five Hydrants.

Screens at Town Reservoir Screening House, cleaned twice.

Alterations to the 10 inch and 16 inch mains at the Town Reservoir.

Repairing three bursts on 10 inch main Tobique Road, one at Government Wharf, one Gerrard Lane.

Repairs to four Gate Valves.

Eighty five new water services placed upon system. Sixty vessels supplied with water.

Water system flushed five times since May 1st 1911. Hydrants tested daily during months of December, January, February, March, Sunday excepted.

One hundred and thirty new service boxes removed and placed on new services, 85 being of a new and improved labour saving type, 27 burst service pipes from May 1st 1911.

SEWERAGE DEPARTMENT

Alterations to storm sewer on Andrew Street. Repairs to main sanitary sewer on Queen Street.

Catch basins on Andrew Street rebuilt. Seventy seven houses connected with sanitary sewer system.

In reference to the sewer system on Water St. between Andrew St. and the B. & N. Rae Hollow (so called) as this is in a very unsatisfactory state, the following proposal was recommended to be carried out and sanctioned by the Council, that that part of the system on Andrew St. and east of same be cut off at the junction of Water and Andrew St. and put through the property of the Shives Lumber Co., a right of way of which has been secured by the town from the said Company, to the Restigouche River, and a tidal receiving chamber be constructed with an Adams Syphonic Tidal apparatus, which will retain the sewerage till the fall of the tide, when it will discharge and thus overcome the present difficulty of the sewer being flooded at every high tide. This apparatus has been installed in many of the principal cities in Europe and Asia with great success.

RECOMMENDATIONS

Your Committee recommend the carrying out of the following works after due consideration of these matters from all points and that they receive the serious consideration of the Council for the construction during the coming summer, thereby bringing the systems up to a first class state of efficiency; the recommendations are as follows:—

Purchase of a gasoline pump for the purpose of pumping out the trenches in effecting repairs to the water system. The type that it is proposed to purchase is a Diaphragm side suction, this would save the expensive method of employing the Steam Fire Engine.

Installation of Hydrants at the following places.—Hydrants with steam nozzle at the Campbellton Hospital, one on Lansdown Street at the back of the school, one at the corner of Lansdown and Adam Streets, two on Ramsay Street, one on Duncan Street, one on the corner of Minto and Gerrard Streets, Hill Side Street.

Construction of a reinforced concrete dam at Smith Lake. This matter has already been placed before you and should receive the sanction of the Council at the earliest possible time.

Extension of the water and sewerage on Lansdowne Street; extension of the water and sewerage on Bay View Avenue; Sugarloaf Street to the Pichette property and Duncan Street on reserved street off George Street water and sewerage. By this extension it would be possible to give to the Town an auxiliary supply of water in case of the shutting off of the system on Sugarloaf Street between this point and Gerrard Street.

Purchase of new 1 inch hose for the Government wharf for the supplying of the vessels with water, the present being of little use, in fact much water is wasted.

In drawing this report for the two departments to a close I trust that it will meet with the approval of your most honourable body.

Respectfully submitted

CHAS. A. ALEXANDER,

Chairman of the Water and Sewerage Committee.

LIQUIFIED CHLORINE FOR USE IN BOMBS

A terrible weapon of warfare suggested by the great inventor
Sir Hiram Maxim.

Sir Hiram Maxim, who recently celebrated his 72nd birthday, has aroused considerable indignation in England by asserting that it is next to impossible to find English workmen capable of earning a weekly salary of \$25. The average English employe, he says, gets along on a weekly salary of \$7.50 and does nothing to fit himself for a better paid job.

Sir Hiram himself is certainly setting a good example for others to imitate. In spite of his age, he is up at seven in the morning, summer and winter. He has correspondence to attend to, and newspaper contributions to write; and in the evening, spends his time among the books and papers in his library. Sunday, too, he passes in reading. He is still interested in the invention of articles pertaining to warfare.

"I notice," he said in an interview, "that Sir William Ramsay has suggested the use of prussic acid in bombs for warlike purposes. I have no acquaintance with that particular form of poison, but I should say it would be very dangerous to both parties."

"What I would suggest is that we should be more modest and commence by using liquid chlorine. The advantage of this would be that it does not require heavy pressure to keep it in the form of a liquid; that it flies into vapor when the pressure is removed, and the vapors are very dense and much heavier than the air. Instead of flying away like prussic acid gases, they would stick to the ground, and as one breath of chlorine is instant death, I think we ought to be satisfied with it. Bombs charged with chlorine gas would be very effective if they should be exploded on shipboard between decks, but it would require some degree of invention to design a bomb because chlorine has the disagreeable habit of eating up everything it touches except glass."

"I think," he said, "that during the next ten years more scientific thought will be devoted to the investigation of the air than to all other branches of the physical sciences put together. We have made machines that fly, and we now have to develop these machines so that they may be suitable for military purposes; and the indications are that within ten years the aeroplane flying machines will be one of the principal arms employed by all the great European nations."

"From the very nature of things however, the aeroplanes will never become a machine that can be used commercially after the manner of railroads. It is essentially a military arm, and must remain as such."

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THE GRAPHIC

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