

The total expenditure was \$330,678.40.
 The operation charges amounted to \$160,920.72.
 The maintenance charges amounted to \$22,986.42.
 The capital charges, including depreciation, were \$146,771.26.

Total mileage of mains under pressure in the system—164.8 miles.

Total cost of watermain maintenance for the year—\$6,346.95, making the average cost of maintenance per mile, \$38.70.

During the year 168 new water services were installed and 132 house sewer services.

Total number of house sewer services to date—9,602.

Total number of water services—10,829.

Average cost of maintenance per water service—73c.

During the year a normal domestic pressure averaging fifty pounds per square inch has been maintained throughout the system on both sides of the river, above the hill, while the pressure on the flats has average one hundred and ten pounds per square inch.

The Fire Department has been enabled by means of its own equipment to boost the water pressure for fire fighting when, and where necessary, during the past year. This eliminates the necessity of boosting the pressure over the entire system of one hundred and sixty-four miles of mains and protects the entire system as well as the High Deputy Pumps at the Pumping Station against unnecessary strain.

The growth of the system has been remarkable during the last ten years. In 1908 the city had installed 2,520 water services, 200 hydrants and 48.8 miles of water mains. The revenue that year was \$49,633.67. In 1917 the number of water services was 10,829, fire hydrants 797, miles of water mains 164.8. The revenue was \$368,868.15.

The number of water meters in use in the city is 7,700.

Average cost of maintenance per meter is 96½c.

Since the installation of meters a great saving has been effected in the amount of water pumped.

Superintendent J. W. Turner and his staff are to be congratulated on the showing made, which is more remarkable owing to the world-wide adverse conditions as regards cost of labor and material.

The service given has been constant throughout the whole period, and by regular daily tests the water supply is shown to be free from all contamination. One pound of liquid chlorine per million gallons was used to sterilize the water and that was all that was found necessary, and proved to be far more economical than the old hypochloride of lime system.

NEW MUNICIPAL ENGINEERING ASSOCIATION.

At a meeting of the Engineers' Section of the Ontario Municipal Association it was decided to form a separate association to further the operating and engineering interests of municipal electrical utilities. The new name of the organization will be The Association of Municipal Electrical Engineers of Ontario.

The following officers will control its destinies for the coming year. President, Mr. R. V. Buchanan, London; Vice-President, Mr. N. I. Sifton, Hamilton; Secretary, Mr. S. R. A. Clement, Hydro-Electric Power Commission, Toronto; Treasurer, Mr. R. C. McCollum, Hydro-Electric Power Commission, Toronto; Chairman of Standing Committees, Messrs. Oswald H. Scott, Belleville; V. S. McIntyre, Kitchener; E. Stapleton, Collingwood, and R. H. Martindale, Sudbury.

The first meeting of the new association will be held at Niagara Falls, Ontario, on June 13 and 14, 1918.

RAISING HOGS.

The Commissioner of Conservation has issued a booklet "Garbage as Food for Hogs," from which the following is taken:—

"The following is Section 88½ of The Animal Contagious Diseases Act:

'The feeding of swine upon garbage or swill, either raw or cooked, obtained elsewhere than on the premises where fed, is prohibited, unless special permission is first obtained from the Veterinary Director General.'

"Anyone contemplating feeding garbage other than their own kitchen and garden refuse, should write to the Veterinary Director General, Ottawa, for full information regarding it."

MUNICIPAL DEBENTURES BOUGHT

MUNICIPALITIES WILL PROFIT
BY COMMUNICATING WITH US
WHEN CONTEMPLATING THE
ISSUE OF DEBENTURES.

C. H. Burgess & Company
Traders Bank Building - Toronto, Can.

The Canada Bond Corporation

Limited

59 Yonge Street, Toronto

—Buys—

Municipal Debentures

And Acts as Financial Agents for
Municipalities

CONSULT THEM