

CONSTRUCTION NEWS SECTION

Readers will confer a great favor by sending in news items from time to time. We are particularly eager to get notes regarding engineering work in hand and projected, contracts awarded, changes in staffs, etc. Printed forms for the purpose will be furnished upon application.

LIGHT, HEAT, AND POWER.

Ontario.

PORT ARTHUR.—Messrs. Smith, Kerry and Chace have been instructed by this city to draw up plans for the development of 30,000 horse-power on Dog Lake at Silver Falls, about twenty-five miles from this city.

HAMILTON.—Explanatory tables of the new electric light rates, which are to come into force here, have been prepared by the company, and are now available. There will be no residential flat rate, while for commercial lighting there is to be a combined flat rate and meter rate.

TORONTO.—At a recent meeting of the International Waterways Commission held here the question of damming the Rainy River at a point below Fort Francis for the purpose of generating power was discussed. The Dominion Government has commenced important works on the river for the purpose of rendering this navigable to large vessels.

TORONTO.—Arrangements have been made by Smith, Kerry & Chace to take charge of the commencement of the development of a large power plant for the city of Port Arthur. This plant will be located twenty-five miles north-west of the city on the Kaministiquia River at Silver Falls. The ultimate capacity of the works will be 30,000 horse-power, the probable present development being in the neighborhood of 6,000 horse-power.

Manitoba.

PORTAGE LA PRAIRIE.—The directors of the Central Electric Light Co. have decided to expend \$35,000 on enlarging the power plant. The company offers to double the number of street lamps if the town will extend the street lighting contract. A. Doum is Chief Engineer.

MUNICIPAL.

Ontario.

WELLINGTON.—A deputation from this county has asked the Government to give financial assistance toward the completion of the West Luther drain and to send an engineer to the scene of the work. Already the drainage scheme, which will improve 100,000 acres of land, has meant an expenditure of \$11,000. It is probable that a Government engineer will be instructed to inspect the works.

CAMPBELLFORD.—A by-law to expend \$50,000 to develop a municipal electric power plant at Middle Falls was voted on, on the 26th inst., and carried by 296 to 11.

MARKHAM.—Three by-laws for local improvements were carried here on the 22nd inst.: Granolithic walks, \$3,000; extension to electric light plant, \$3,000; a new bridge over the Rouge River, \$3,000. M. White is town clerk.

Quebec.

MONTREAL.—The Fire Committee of this city have decided to enter action against seven manufacturers and others who have not obeyed the smoke by-laws.

New Brunswick.

DOMINION.—Plans and estimates in connection with the new water system for this town are completed, and will be presented before the council. It is hoped that the laying of the main pipe line will be completed before the winter.

Manitoba.

WINNIPEG.—A project is on foot to supply Tofield with water from a spring two miles out. The estimated cost will be in the neighborhood of \$20,000.

BRANDON.—A by-law may be submitted to the rate-payers providing for the acquiring of a large depot for the city crushing plant, dump, and trenching machine. The by-law may be submitted at the time of the civic elections in December.

SWAN RIVER.—The question of water supply for the town received some attention at the hands of the board, and a committee was appointed to wait on the municipal council and urge upon that body the necessity of placing a good force pump in the well on the corner of Main and Fifth Avenue.

Alberta.

EDMONTON.—The city council is considering a proposition to purchase the franchise of the Strathcona Street Railway system, as it is thought that the two systems can be operated more cheaply as one concern.

EDMONTON.—Applications have been made from the American-Canadian Oil Co. for franchises to lay pipes for gas into both this city and Strathcona.

British Columbia.

DAWSON.—About \$140,000 will be appropriated this year for public roads and bridges, according to the recommendation of the public Works Committee.

INDUSTRIAL.

Ontario.

SAULT STE. MARIE.—The steel plant here was closed down for a couple of days owing to a shortage of pig iron.

TORONTO.—The works of the James Morrison Brass Manufacturing Company were damaged by fire to the extent of \$2,300 recently.

FLESHERTON.—The tunnel through the mountain at Eugenia Falls has been conducted to a successful finish. The contractors are Messrs. Rowan & Elliott, of St. Catharines. The tunnel is 967 feet long by 9 feet wide and 8 feet 6 inches high.

OTTAWA.—It is announced that the Montreal, Ottawa and Georgian Bay Canal Company will apply at the coming session of Parliament for legislation extending the time for the commencement and completion of the canal. It is understood the company is prepared to go ahead if the Government will guarantee the bonds in return for Government control of the rates to be charged on the canal when completed. A most interesting account of this proposed work appeared in the "Canadian Engineer" of April 5th, 1907, written by H. K. Wicksteed, C.E., to which readers are referred.

TORONTO.—The 59th annual report of the Consumers' Gas Company has been published. The output for the year ended September 30th amounted to 1,773,588,000 cubic feet, an increase of 235,770,000 cubic feet, over the previous year. During the year nineteen miles of new mains were laid, as compared with sixteen miles the year before. The total mileage is now 337 and 5,189 new services have been placed. The gas rentals for 1907 came to \$1,229,585.11, as compared with \$1,136,884.80 for 1906, an increase of \$92,700.31. The amount of the profit and loss account for 1907 was \$523,666.67, while in 1903 it was \$513,000. The balance carried down in 1907 is \$455,360.49, and in 1906 \$509,952. The amount written off in the past year on the plant and buildings renewal fund was \$199,689.30, and in 1906 the amount was \$179,653. In the statement just issued the "gas accounts receivable" come to \$215,955, and last year these amounted to \$191,000. Owing to unexpected delays the new works will not be completed till next season. To meet the expenditure on new works and ex-