

SEWERS, SEWAGE AND WATERWORKS.

Peterboro', Ont.—Chipman & Power, consulting engineers of Toronto, have been retained by this city to prepare plans for sewerage in the south end. It is expected that that city will be in a position by August 15th to call for tenders to include sewer construction, pumping station, machinery, etc.

Toronto, Ont.—The Provincial Board of Health approved of plans for sewerage disposal at Alma, Oshawa, Tillsonburg and Trenton. The scheme outlined for a suburb of Owen Sound, formerly known as the village of Brook, was rejected because the plans did not provide for treatment of the sewage before dumping it into the bay. The plans submitted by the municipality of Steelton were not passed for the same reason. The city of Peterboro' complained that residents of Stony Lake summer resorts were polluting their water supply.

Outlook, Sask.—The \$25,000 by-law for the construction of waterworks was carried by the ratepayers.

Prince Albert, Sask.—At a recent meeting of the city council, City Engineer Creighton submitted plans for a trunk sewer estimated to cost \$94,994. The plans will be forwarded to the Provincial Health Department for approval, and the work of construction will be proceeded with immediately.

Swift Current, Sask.—By-laws for sewerage, sewage disposal and water supply were passed by public vote on Saturday, 16th inst. Only two votes were registered against. J. Darlington Whitmore of Regina is consulting engineer for the schemes.

Vancouver, B.C.—City Engineer W. A. Clement has completed his report on the new sewerage scheme question, and the plans outlined have been partially adopted by the board of works.

Victoria, B.C.—H. M. Burwell, consulting engineer of Vancouver, has submitted his report on the Sooke Lake water supply proposition, which is being considered by the city council.

PERSONAL.

Mr. George Wright has been appointed city engineer of London, Ontario, succeeding Mr. A. O. Graydon, who recently resigned after occupying the office for twenty years. The city council decided to retain Mr. Graydon as consulting engineer.

Mr. F. J. Goulthard has been appointed purchasing agent for the Northern Construction Company, which has the contract for the first sixty miles of the C.N.R. in British Columbia.

Mr. T. D. McKenzie, M.A., C.E., of River John, N.S., has been appointed manager of the North Atlantic Collieries Company. Mr. McKenzie has been assistant manager at Wabana for the N. S. & Coal Company for the past four years, previous to which he was in the employ of the Dominion Coal Company at Glace Bay. Mr. McKenzie is a graduate of Dalhousie University.

MISCELLANEOUS.

Montreal, Que.—Plans of the Dominion Express Company's proposed building to cost \$600,000 have been approved.

London, Ont.—The International Harvester Co. of America are planning a \$75,000 addition to their buildings here.

Regina, Sask.—The library board has decided to call for plans for the new Carnegie library building, which is to be of fire-proof construction and to cost \$40,000.

Regina, Sask.—The Sawyer-Massey Company have decided to establish their Saskatchewan headquarters in Regina.

Vancouver, B.C.—The Vancouver Trust Company contemplate the erection of a \$30,000 office building.

CURRENT NEWS.

Ottawa, Ont.—The American Peat Society, of Ottawa, will hold a series of meetings from July 25th to July 27th at Ottawa.

Victoria, B.C.—City Engineer Angus Smith has just presented to the streets committee of the city council, an interesting report on dust prevention.

ROCK DRILLING IN CANADA.

On July 1st, a rock-drilling contest, held in Gowganda, was won by McQuilty and McCambly, who drilled 19½ inches in fifteen minutes, in a very hard quartz rock.

In this connection, a contest held last August at Cobalt, when the Canadian record was established, is of interest. The rock in which the drilling was done was a granite much similar to the Gunnison County granite. The winners were James Picken and Louis Page—known as the Page Bros., of Butte, Mont. They have been living at the Temiskaming mine for some time. In fifteen minutes they drilled 43½ inches. Malcolm McPhail and Hector McDonald of the Gifford came next with 30½ inches. The Nipissing team, two Finlanders, came third with 28½ inches.

Other teams were from the Verner mine, 26½ inches, City of Cobalt, 24½ inches, Hudson's Bay, 25½ inches, McGuire and McMillan, 25½ inches, and the Otis-Currie, 23½ inches.

RAILWAY EARNINGS; STOCK QUOTATIONS.

The following table gives the latest traffic returns it is possible to obtain at the time of going to press:—

Road	Wk. Ended	1910	Previous Week	1909
C. P. R.	July 14	\$1,928,000	\$2,022,000	\$1,621,000
G. T. R.	July 14	921,043	879,362	789,746
C. N. R.	July 14	291,900	294,800	191,300
T. & N. D. ...	July 14	22,763	23,143	30,190
Mtal. St.	July 16	86,478	73,804	75,666
Halfx. Elec. ...	July 14	5,092	4,882	4,380

Figures showing the earnings of Canadian roads since July 1st, this year and last, are appended:

Road	Mileage	July 1st to	1910	1909
C. P. R.	10,326	July 14	\$3,950,000	\$3,232,000
G. T. R.	3,536	July 14	1,800,405	1,558,155
C. N. R.	3,180	July 14	586,700	370,500
T. & N. D. ...	264.74	July 14	45,906	59,262
Mtal. St.	141.79	July 16	160,282	139,196
Halfx. Elec. ..	13.3	July 14	9,974	8,647

Stock quotations on Toronto, Montreal and London exchanges, and other information relative to the companies listed in the above tables, are appended. The par value of all shares is \$100.

Co.	Capital. ooo's	Price July 14, 1909.	Price July 7, 1910.	Price July 14, 1910.	Sales last week.
C. P. R. ..	\$150,000	186-184½	187¾-187½	189-	458
Mtl. St. ...	18,000	216-215¾	236-235	233-232½	350
Hal. El. ...	1,400	115-113½	122-9	121½-	2
Tor. St. ...	8,000	-125	-114½-7	180
G. T. R. ...	226,000	1st pf. 109; 3rd pf. 57½; com, 26½			

MARKET CONDITIONS.

Montreal, July 20th.

A review of the pig-iron and steel markets of the United States shows that conditions over there are, on the whole, fairly encouraging. The production of pig-iron in 1909 was close to sixty million tons. Of this the United States produced close to twenty-six million tons, or about 42.9 per cent. of the world's output, compared with 33.2 per cent. in 1908 and 42.7 per cent. in 1907. During the early part of the present year the United States was producing pig-iron at the rate of more than thirty-one million tons a year. This is equal to about one-half the entire output of the world during 1909.

Attention is drawn to the fact that the United States is turning out as much pig-iron as Germany, Great Britain, and France combined, whereas not very many years ago the United States was turning out less than Great Britain. Assuming that the world's output of pig-iron for the remainder of the present year will be at the rate of the first half of the year, the total output will be in the vicinity of sixty-two million tons. This compares with a record of slightly over sixty millions in 1907, and about sixty millions in 1909.

Attention is being drawn in the United States to the difference between the conduct of the steel and copper industries during the past few years. The steel industry has been enjoying prosperity while the copper industry has been going backward, so far as profits and prices are concerned. This is considered to be due to the fact that the steel producing concerns have been working in harmony to keep the industry on a solid foundation, as instanced in the fact that although the consumption of steel has fallen off about 20 per cent. during the past three or four months, there has been no demoralization. In the copper industry the opposite conditions prevail, the operations of the various producers showing an absence of harmony.

It is considered that orders for steel will begin to show a gain about the middle of August, providing conditions are favorable. In the United States, there would not seem to be any very grave danger, so far as crop prospects are concerned, although some of the crops are not any too satisfactory.