

BRANTFORD.—In connection with the Galt Electrical Manufacturing Company, the Lyons Electrical Company of this city is installing a large generator at Burford. The lighting at that village has not given satisfaction of late, but the installation of the new machinery will ensure good lighting for the village in future.

SEWERAGE AND WATERWORKS.

Ontario.

TORONTO.—The Provincial Board of Health have passed upon a number of matters affecting different parts of the province. City Engineer Ker, of Ottawa, reported having made a number of floating tests to ascertain the possibility of the contamination of the water supply by the pouring of raw sewage from Aylmer into that part of the Ottawa River known as Lake Deschenes. The necessity of Aylmer treating its sewage will be pointed out to the Quebec health authorities. The board did not approve of the pouring of raw sewage into the Detroit River from Sandwich. Partial treatment by liquifying at least is recommended. The plans for the new Oakville waterworks system and the tuberculosis sanitarium at Ottawa were approved. Satisfactory reports were received of the tuberculosis exhibit at the fall fairs. Dr. Connell reported the results attained at the branch laboratory at Kingston. A disposal plant near the Rideau River is a feature of the sewage system for Ottawa South, which will have liquefying tanks and a bacteria bed. It will drain 135 acres with a tributary area of 65 acres.

British Columbia.

VERNON.—Messrs. Galt & Smith, Toronto, Ont., have been instructed to make surveys and report on the possibilities of B. X. creek as to the quantity of water that may be impounded on its banks, possible storage, etc. They now have a party of engineers in the field collecting data.

MISCELLANEOUS

Ontario.

NIAGARA FALLS.—The plans for the proposed armory at Niagara Falls have been received. The plans show a three-company armory to be constructed so that it may be enlarged. It will be built of brick, with stone facings, two storeys and basement, the outside measurements being 40 by 75 feet. The basement will contain a shooting gallery, bowling alley, store rooms, etc., and the ground floor will have a lecture room, band room, store rooms, etc., and the first floor will contain rooms of the officers' mess, etc. The estimated cost is \$40,000.

New Brunswick.

DOVER.—Orders have come to repair the two stone bridges in Dover that are in a tumbledown condition. These bridges were built only three or four years ago, on the dry masonry principle. Owing to error in design, however, no provision was made for pressure from the roadway, and the walls over the culverts were pushed outward, carrying parts of the roadway with them. It is proposed to give the "facing" a natural slope, or batten, which will stand any pressure that can be put upon it. It is thought when the work is done according to this design it will last for an indefinite period.

Manitoba.

PORTAGE LA PRAIRIE.—A Government engineer has been sent to supervise the straightening by new channels the abrupt bends in the Assiniboine River between Portage la Prairie and Winnipeg. This in order to prevent the river overflowing and flooding the farm lands, which misfortune has occurred more than once and harmed the repute of the district.

Saskatchewan.

INDIAN HEAD.—The Dominion Forestry Department has fitted up convenient and roomy offices here. The work of autumn distribution of trees throughout the West, is now in full operation.

REGINA.—Suits for eight thousand dollars commission are to be commenced against the City Council for failure to accept any one of the plans submitted for the new municipal hospital. Each one of the architects who entered competition is asking one per cent. commission.

YORKTON.—The work of extending the Yorkton gas works commenced this morning. A brick addition to the present building is being constructed and inside this a gasometer with a capacity of 1,400 cubic feet will be built at a total cost of \$7,000. The plant now has a gasometer with a capacity of 1,125 cubic feet, but owing to the great demand for gas it was found necessary to increase the capacity. The company's total capacity will now be 2,525 cubic feet and this can be generated as often as it is found necessary.

British Columbia.

VICTORIA.—The work of installing the new wireless telegraph station being installed at the Driard Hotel is proceeding rapidly, and it is expected that the station will be ready for business in a few days. L. C. Dent, who established wireless stations at many of the signal stations of the United States, and G. B. Cooper are installing the apparatus. R. H. Armstrong, superintendent of construction and operation for the United Wireless Telegraph Company on the Pacific coast, is in the city superintending the work.

VANCOUVER.—The Canadian Pacific Railway Co. are equipping their new boats on Kootenay Lake with Duplex Outside Packed Plunger Pumps with pot valves, being built by The Smart-Turner Machine Company, Limited, Hamilton.

PERSONAL.

MR. F. M. SPAIDAL, superintendent of the Canadian Northern-Quebec & Lake St. John Railway, is visiting in Toronto.

MR. W. E. STEWART has removed from Revelstoke, B.C., and is now resident engineer E. & N. Railway, Wellington, B.C.

MR. JOHN BAKER, contractor of Bracebridge, Ont., has sold his plant to Mr. Robert Findley and removed to Vancouver, B.C.

MR. D'ARCY SCOTT, K.C., Ottawa, Ont., Hon. Thos. Greenway, Winnipeg, Man., and Prof. S. J. McLean, of Toronto, Ont., have been appointed to the Dominion Railway Commission.

The firm of John L. Richardson & Company, agents for the well known brand of Atkins steel, has just moved its headquarters from 132 Bay Street, to the corner of Front and Church Streets, this city.

MESSRS. SINCLAIR & SMITH, consulting engineers of New Liskeard, Ont., have re-arranged their business arrangements, and the work will now be carried on under the name of Sinclair, Sutcliffe & Neelands.

MR. R. E. W. HAGARTY, B.A. Sc., Toronto, Ont., who has just recently returned from the Yukon, where he was engaged with the Guggenheims, has accepted a position with Hazen & Whipple, Consulting Engineers, New York.

MR. M. H. A. Hoy, M. Inst. C.E., has been appointed manager of the Imperial Locomotive Company, Montreal. This is a new company now building works at Lachine. They are said to be an offshoot of Beyer, Peacock & Company, Limited, of Manchester, Eng.

OBITUARY.

MR. WM. G. ELLIOTT, managing director of the Ontario Portland Cement Company, and one of the most prominent of Brantford's business men, died suddenly on September 13th, 1908. A week ago he had a stroke of paralysis. Mr. Elliott, who was 44 years of age, organized the company in 1902. He was senior member of the firm of Elliott & Nihan, which constructed the cement portion of the Canadian approach to the Sarnia tunnel. Afterwards the same firm had the contract for the construction of the Brantford to Water-