

**Vancouver, B.C.**—The reclamation of an area of about 42 acres, known as the Granville Street tide flats, has been commenced. More applications for factory sites have been received for the new area to be created than can be taken care of when the work is completed.

**Montreal, Que.**—The city's expenditure on public works in 1915 has amounted to \$5,398,000. Paving operations, which have been rather evenly spread over the 31 wards, have involved an outlay of \$2,890,000. The sidewalk expenditure has been \$677,000, and the cost of sewers \$1,500,000.

**Ottawa, Ont.**—The Dominion Government is preparing plans and regulations for the working of the rich deposits of phosphate of lime in the Rocky Mountains, recently referred to in these columns. In the meantime no work is permitted on existing claims, and no new applications are being accepted.

**Prince George, B.C.**—Grading has been practically completed on the Pacific Great Eastern Railway from Vancouver, and steel is being laid this fall from Clinton to Squamish, a distance of 167 miles. Construction is well advanced on the bridges and regular trains will probably be put into service between Squamish and Clinton before the close of the year.

**West Vancouver, B.C.**—The water supply scheme will be proceeded with at once, providing for the installation of a 230,000-gallon reservoir of reinforced concrete with a 6-inch intake, and a settling tank. The contract was awarded recently to M. P. Cotton, the price being \$90,000. The new scheme will require about 18 miles of 6-inch wooden pipe. The contract provides for completion next spring.

**Port Nelson, Man.**—About 1,000 men are engaged on the harbor work. Three large dredges are deepening and straightening the channel, and extending the harbor basin. Wharves have been built this year and considerable progress made on the railway terminals. It is expected that the harbor facilities will be completed by the time the first train over the entire line reaches Port Nelson. This is expected to occur next September. Practically the whole line has been graded and over 200 miles of steel laid. Track-laying has been somewhat delayed this season, however, owing to a number of sink holes.

**Vancouver, B.C.**—As already mentioned in these columns, the city engineer has been investigating the pollution of water supply and the general conservation of water on the Capilano and Seymour water sheds. In his interim report recently presented to the city council, Mr. Fellowes points out that only four months ago the Britannia Mining and Smelting Company applied for the right to use 5,400,000 gallons per day, and this, if granted, would mean the discharge of this amount of water into Seymour Creek, causing serious pollution. He protests against the granting of this concession.

### UNIVERSITY OF BRITISH COLUMBIA.

The newest Canadian university opened its doors as an educational institution on October 1st in the city of Vancouver. On its teaching staff are some very familiar names. The president is Dr. F. F. Westbrook, and registrar, Mr. C. E. Robinson. Mr. Reginald W. Brock is Dean of the College of Applied Science. In the Department of Geology and Mineralogy, Mr. Brock is professor and Dr. D. D. Cairnes assistant professor. In the Department of Mining and Metallurgy, Mr. J. Moncrieff Turnbull is professor. In the Department of Chemistry,

Dr. Douglas McIntosh is professor and head of the department, and Dr. E. H. Archibald is assistant professor. In the Department of Civil Engineering, Mr. H. K. Dutcher is assistant professor. In the Department of Mechanical Engineering, Mr. I. Killam is assistant professor, and Mr. F. C. G. Wood, lecturer.

Two new temporary buildings have been completed for the departments of Geology and Mineralogy, and alterations have been made in the building formerly used by McGill College for the use of the Science department devoted to Physics and Chemistry. The library, administration offices and lecture rooms will be in another new building. These arrangements are temporary, pending the erection of the university buildings according to plans fully considered and adopted, but deferred during the war on account of financial considerations.

### NEW CANADIAN MEMBERS, N.E.W.W.A.

Recent elections to membership in the New England Water Works Association included in its lists the names of the following Canadian Engineers:—

R. L. Dobbin, superintendent of waterworks, Peterborough, Ont.

H. Hymmen, superintendent of waterworks, Berlin, Ont.

B. G. Michel, municipal engineer, Carleton Place, Ont.

William Perry, consulting hydraulic engineer, Montreal, Que.

Col. H. N. Ruttan, consulting engineer, Winnipeg, Man.

Arthur Surveyer, consulting engineer, Montreal, Que.

### OTTAWA BRANCH, CANADIAN SOCIETY OF CIVIL ENGINEERS.

The annual meeting of the Ottawa Branch of the Canadian Society of Civil Engineers was held on Thursday, October 14th, in the chambers of the Conservation Commission, with an unusually representative attendance of engineers.

The retiring chairman of the branch, Mr. A. St. Laurent, assistant deputy minister of public works, presided and read an interesting paper on various harbor improvements throughout the Dominion. Mr. A. B. Lambe, the able secretary-treasurer of the society for the past two years, submitted a report on the general affairs of the branch. The retiring officers of the branch are Messrs. A. St. Laurent, A. B. Lambe, W. J. Dick, and M. F. Cochrane. The results of the election of officers for the coming year were as follows: Mr. John Murphy, chairman; Mr. J. B. Challies, secretary-treasurer; Messrs. Gordon Gale, A. T. Philips, R. De B. Corriveau, Alex. Gray, W. S. Lawson, managing committee.

The Ottawa Branch of the Canadian Society of Civil Engineers is one of the most flourishing of the many branches of this important society. Despite the fact that a very large proportion of its membership is with the Canadian expeditionary forces, the past year of the branch has been a very successful one. With the energetic and well-known enthusiasm of the members of the new executive, it is confidently expected that the coming year will also be as satisfactory.