

St. John, N.B.—Four hundred men, 5 tugboats, 3 dredges, 2 locomotives and trams and 4 reclamation plants are engaged upon the scheme of reclamation and development which is in progress on the western side of the St. John Harbor, where berths are being constructed to accommodate some of the large ocean steamships of the C.P.R. Company this coming winter, and where the contract is held by the Maritime Dredging and Construction Company, sublet to Cape and Company and to Mr. D. C. Clark. Three hundred workmen, 1 powerful suction dredge, 3 high-power elevator dredges, an ocean tug, 5 locomotives and ballast trains, 2 steam shovels, and other accessories, are being constantly employed by the Norton Griffiths Company in pushing forward the harbor and industrial development at East St. John. The firm has almost completed an immense breakwater of stone; has reclaimed over 12 acres of land for a ship repair plant; has excavated about one-third of the site for a dry dock; and has made considerable progress in dredging berths inside the breakwater for ocean commerce and in widening and deepening the entrance channel. Next spring the company will begin the construction of concrete and steel cylinder quays for ocean berths, and a pier at the entrance to the dry dock. The contract, which expires in 1917, covers the supplying of 23 steamship berths and involves an expenditure of over \$30,000,000. It is expected that this particular point will be utilized by the G.T.P.R. Company.

Moose Jaw, Sask.—Recently, what was thought might prove to be a serious break occurred at the infiltration gallery at the headworks of the Moose Jaw water system at Caron, Sask. The break occurred while the water department was engaged at cleaning out one-half of the Rosedale reservoir, which has not been cleaned since put into commission in December, 1912. The break is a large one and only a few feet west of the pumping station, so that it does not allow of the water being brought in through the infiltration gallery. A large flume has had to be built out to the side of the natural reservoir and a steam pump installed. In this way the water now being used in the city is being pumped twice. In the first place, it is pumped from the reservoirs into the flume by the steam pump, and afterwards from the well into the pressure main to the reservoir. The cleaning of the reservoir has proven, apart from this, to be a difficult task, no provision having been made for the like at the time of its construction. One-half of the big reservoir, which has a capacity of 1,000,000 gallons, was left full, while the other half was emptied and Moose Jaw supplied with water direct from the pressure main from Caron. During the 18 months that the reservoir has been in use, there has been deposited in the bottom of it almost 4 feet of silt. This has been pumped into a surface reservoir which had to be constructed on a street north of the reservoir. The work has been in charge of Commissioner Mackie of Moose Jaw; and no further serious trouble is anticipated by him from the break at the headworks, provided none is caused by the steam pump before the break has been repaired.

PERSONAL.

J. B. NICHOLSON, B.A. Sc., is engineer for the Township of Barton, Ontario.

H. E. M. KENSIT, has tendered his resignation as city commissioner for the city of Prince Albert, Sask.

W. V. HUNT, electrical engineer in the employ of the British Columbia Electric Railway Company for the past several years, has resigned to engage in private practice in Vancouver, B.C.

OBITUARY.

The death has been reported from Porcupine, Ont., of Mr. B. C. Wolfram, manager of the West Dome mine.

It is reported that Mr. Louis Margolin, formerly with Clarke and Lyfrod, forest engineers, of Vancouver, met death recently in the Sierras, Nevada, by drowning. Mr. Margolin, who was 34 years of age, was a well-known timber estimator in British Columbia.

NEW CANADIAN MEMBERS A.W.W.A.

Among recent additions to the membership of the American Water Works Association are noted the following names:—

James Barr, M. E., Department of Water Works, city of Toronto.

R. C. Harris, Commissioner of Works, city of Toronto.

Robt. B. Owens, B.A., B.E., Government Buildings, Edmonton.

Joseph Race, City Bacteriologist and Chemist, Ottawa.

R. A. Ross, Consulting Engineer, Montreal.

Jas. T. Wickham, City Engineer's Office, Eastern Division, Montreal.

JOINT ROAD CONGRESS IN 1915.

The matter of holding a joint convention or congress in which the American Highway Association and the American Road Builders' Association are the chief factors, is under consideration in connection with the Panama Pacific Exposition in 1915. The meeting will probably be held at Oakland or San Francisco.

COMING MEETINGS.

WESTERN CANADA IRRIGATION ASSOCIATION.—Eighth Annual Meeting to be held at Penticton, B.C., on August 17, 18 and 19. Secretary, Norman S. Rankin, P.O. Box 1317, Calgary, Alta.

AMERICAN PEAT SOCIETY.—Eight Annual Meeting will be held in Duluth, Minn., on August 20th, 21st and 22nd, 1914. Secretary-Treasurer, Julius Bordollo, 17 Battery Place, New York, N.Y.

CANADIAN FORESTRY ASSOCIATION.—Annual Convention to be held in Halifax, N.S., September 1st to 4th, 1914. Secretary, James Lawler, Journal Building, Ottawa.

ROYAL ARCHITECTURAL INSTITUTE OF CANADA.—Seventh Annual Meeting to be held at Quebec, September 21st and 22nd, 1914. Hon. Secretary, Alcide Chausse, 5 Beaver Hall Square, Montreal.

CONVENTION OF THE AMERICAN SOCIETY OF MUNICIPAL IMPROVEMENTS.—To be held in Boston, Mass., on October 6th, 7th, 8th and 9th, 1914. C. C. Brown, Indianapolis, Ind., Secretary.

AMERICAN HIGHWAYS ASSOCIATION.—Fourth American Road Congress to be held in Atlanta, Ga., November 9th to 13th, 1914. I. S. Pennybacker, Executive Secretary, and Chas. P. Light, Business Manager, Colorado Building, Washington, D.C.

AMERICAN ROAD BUILDERS' ASSOCIATION.—11th Annual Convention; 5th American Good Roads Congress, and 6th Annual Exhibition of Machinery and Materials. International Amphitheatre, Chicago, Ill., December 14th to 18th, 1914. Secretary, E. L. Powers, 150 Nassau St., New York, N.Y.