

ber of the Ontario legislature, and now president of the Welland Board of Trade. The honorary secretary-treasurer is F. Maclure Sclanders, commissioner of the Border Cities Chamber of Commerce, and the secretary is Major Alex. Lewis, formerly secretary of the Toronto Harbor Commission. The Canadian Deep Waterways and Power Association was not formed by a few private individuals, but was organized at a meeting called by the Border Cities Chamber of Commerce, which invited the municipalities interested in the proposed canalization and power project to send representatives. The representatives attending the organization meeting were appointed by the municipal officials or boards of trade of the various towns and cities.

The Canadian Deep Waterways and Power Association has solicited no private contributions. It is supported by the municipalities, and the municipalities—not individuals—constitute the membership. On the executive committee are the appointed representatives of a number of cities. The Canadian Deep Waterways and Power Association is endorsed by the Hydro-Electric Power Commission and by scores of municipalities. Its organization meeting was attended by representatives of the Dominion government and the Dominion Power Board. The International Joint Commission conducts all of its correspondence with the municipalities, in regard to this project, through Major Lewis, the secretary of the Canadian Deep Waterways and Power Association.

In view of these facts, anyone who may be asked to contribute to the "National Waterways Association of Canada" is fully warranted in investigating the operations and organization of that association before giving it any support. It should also be borne in mind that such contributions have not been asked, and will not be asked, by the Canadian Deep Waterways and Power Association.

### PERSONALS

PHILIP EARNSHAW, of Kingston, has been appointed instructor of civil engineering at the Royal Military College.

JAS. STEVENSON, of Calgary, has been appointed resident engineer at Calgary for the Department of Public Works of Canada.

A. P. MILLER, of Glen Miller, Ont., has been appointed assistant chief engineer, Trent Canal, Department of Public Works of Canada.

EDW. T. McLAREN, assistant city engineer of Brantford, Ont., has been appointed acting head of the department, succeeding the late city engineer, T. Harry Jones, pending action by the city council in regard to a permanent appointment.

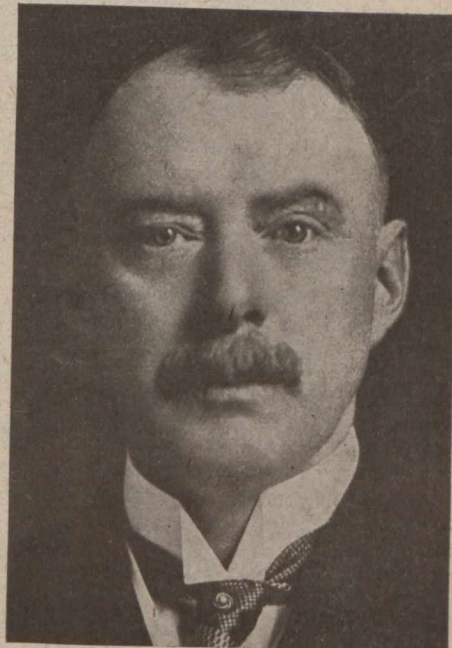
C. M. ARNOLD, water administration engineer of the Reclamation Service, Department of the Interior, Calgary, Alta., has resigned in order to accept a position on Maj. Muckleston's staff on the construction of the Lethbridge Northern irrigation project.

R. D. WAUGH, formerly chairman of the Greater Winnipeg Water District, who was recently appointed a member of the Saar Valley Commission, is not chairman of that commission, as was previously announced in the House of Commons. In a letter to a friend in Winnipeg, Mr. Waugh states there was a misunderstanding in this regard, as M. Roualt, the French commissioner, was appointed chairman a week before Mr. Waugh received his appointment as commissioner.

SAM G. PORTER, engineer in charge of the Lethbridge project for the C.P.R. Irrigation Department, has been elected president of the Rotary Club of Lethbridge. Mr. Porter was born on a farm in Texas and lived there for 20 years. He graduated at the Massachusetts Institute of Technology in civil engineering, having previously obtained the degree of M.A. at Baylor University, Waco, Tex. His engineering career includes three years with the United States Reclamation Service; six years as chief engineer of the Arkansas Valley Sugar Beet & Irrigation Land Co., the Colorado; and five years with the Irrigation Branch of the Dominion government as special inspecting engineer and

assistant chief engineer, during which time he was in charge of many of the surveys upon which irrigation districts in Southern Alberta are now being based. He went to Lethbridge about a year ago to assume his present duties.

GORDON GRANT, of Ottawa, who was recently appointed chief engineer of the Dominion Highways Commission, was born January 2nd, 1865, in Dufftown, Banffshire, Scotland, and was brought to Canada when seven years of age. He was educated at the Ottawa Business College and at Ottawa University. At the early age of seventeen he went to Argentina and was engaged in railway construction for the following five years. In 1887 he returned to Canada and was employed for three years on the Cape Breton extension of the Intercolonial Railway. In 1890 he joined the engineering staff of the C.P.R., but three years later resigned to accept an offer from the Florida East Coast Line. In 1895 he returned to the C.P.R. Construction Department, where he remained for ten years, resigning in 1905 to become



assistant district engineer of the National Transcontinental Railway. Two years later he was promoted to be inspecting engineer, and in 1909 became chief engineer, which position he held until 1918, when he was appointed consulting engineer, Department of Railways and Canals, Ottawa. Mr. Grant is a member of the Engineering Institute of Canada and of the American Railway Engineering Association. He is a brother of A. J. Grant, engineer in charge of the construction of the new Welland Ship Canal.

ROBERT DICKEY, a civil engineer on the staff of the Sewer Section, Department of Works, city of Toronto, was seriously injured last week by a dynamite explosion. While he was inspecting the tunnel for the new storm overflow sewer at College St. and Manning Ave., workmen fired an explosive charge almost immediately above him for the purpose of removing rock for the construction of a manhole. Mr. Dickey sustained serious injuries about the face and head, and was unconscious when removed from the tunnel.

The contract for fifteen 15,000 k.v.a. transformers recently awarded to the Canadian Westinghouse Co., Ltd., Hamilton, Ont., by the Hydro-Electric Power Commission of Ontario, is said to be the largest single order for transformers that has ever been placed. These transformers are to be used in the new Queenston powerhouse to step up the power from the generating voltage of 12,000 volts to the transmission voltage of 110,000 volts.

Within a fortnight the new plant near Grenville, Que., which was built by the newly incorporated Scottish-Canadian Magnesite Co. at a cost of nearly \$500,000, will begin operations to supply the steel industry with magnesite, which before the war came almost exclusively from Austria. T. L. Dates, manager of the company, states that the plant is located near the only magnesite deposit in the Dominion, and will have a capacity of 100 tons daily. J. M. Kilbourn, vice-president of the Canada Cement Co., Ltd., and one of the pioneers in malleable iron in Canada, owns controlling interest in the new company.