

PERSONALS

ROBERT OWEN WYNNE-ROBERTS, Toronto, has been appointed consulting engineer to J. A. Ellis, the director of the Bureau of Municipal Affairs of the Province of Ontario, for the purpose of reporting on the domestic water supply, fire fighting facilities and sanitation of the towns and cities of the province, for the guidance of the department in directing the expenditure of the housing funds. Mr. Wynne-Roberts was born October 12th, 1864, at Liverpool, Eng., and began his engineering career when 18 years of age as assistant town engineer of Llandudno, Wales. He held that position for seven years, and then became water and gas engineer of the Borough of Carnarvon. Five years later he was selected from 120 candidates as borough engineer of Oswestry. He subsequently inspected over 60 sewage disposal plants and reported thereon, and also published a small book on the subject, and later constructed one of the pioneer bacteriological sewage disposal works in England. In 1898



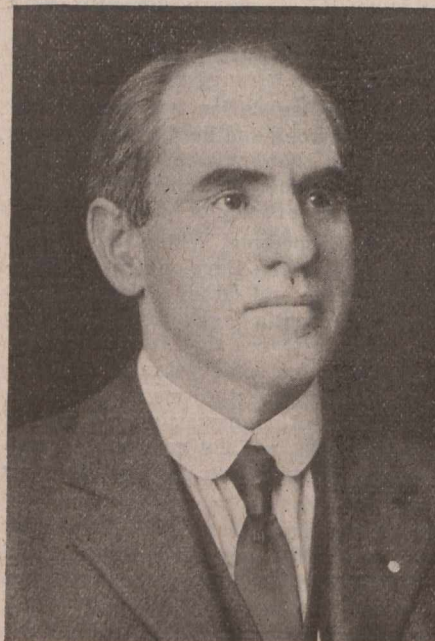
he was appointed city engineer of Capetown, South Africa, and during the following eight years carried out improvements totalling over \$7,000,000, besides controlling an annual expenditure of about \$1,000,000. During the general financial depression after the Boer war, Mr. Wynne-Roberts resigned and returned to London, where for four years he practiced as a consulting engineer and was employed by various municipalities in connection with sewerage, sewage

disposal and water works. He was twice appointed by the British government as sole arbitrator to settle disputes between several metropolitan municipalities involving street railway expenditures of over \$5,000,000, and was appointed an arbitrator of the London Court of Arbitration. During this period he was also associated with a large contracting firm in the preparation of tenders for the construction of a reservoir in Manchester costing over \$1,750,000. In 1911 Mr. Wynne-Roberts came to Canada and was retained as consulting engineer by the city of Regina, Sask., and by the government of the Province of Saskatchewan to report on the development of power from the lignite coal fields. He was subsequently appointed consulting engineer for the city of Regina in connection with the enlargement of the water works system and the natural gas supply. In 1915 he moved to Toronto and opened an office as consulting engineer, subsequently becoming associated with Frank Barber, engineer for York Township, Ont., and has assisted Mr. Barber in the design and construction of an extensive scheme of water works distribution for that township. He has also been retained by Sault Ste. Marie and other Ontario municipalities in connection with water works reports and construction. Mr. Wynne-Roberts is a member of the Institution of Civil Engineers of Great Britain, Engineering Institute of Canada, American Society of Civil Engineers, Institution of Municipal and County Engineers of Great Britain, Institution of British Water Engineers, American Water Works Association, and a fellow and examiner of the Royal Sanitary Institute of Great Britain.

T. LINSEY CROSSLEY, who has been associated for a number of years with Dr. J. T. Donald, of Montreal, and who established the Toronto laboratory of J. T. Donald & Co., consulting chemists and chemical engineers, has taken over the Toronto office and laboratory of that firm.

BRIG.-GEN. CHAS. H. MITCHELL, who recently accepted the position of Dean of the Faculty of Applied Science, University of Toronto, sailed from England on Tuesday on the "Melita." Upon his arrival in Montreal, Gen. Mitchell will be accorded a reception and dinner by members of the Montreal branch of the Engineering Institute of Canada. Arrangements are being made for a similar reception at Toronto by the members of the Engineers' Club. Gen. Mitchell is one of the most noted Canadian engineers in the army, having won great distinction in France as commanding officer of the Intelligence Corps of the Second British Army, and later in a similar capacity with the British expeditionary force in Italy. He has received numerous decorations from the English, French, Belgium and Italian governments.

LLEWELLYN N. EDWARDS has resigned as supervising engineer of the Department of Railways, Bridges and Docks of the city of Toronto, to accept an appointment as bridge engineer in the Bureau of Public Roads, United States Department of Agriculture. Mr. Edwards left Toronto this week to report at Washington, D.C. He was born near Portland, Me., and in 1898 graduated from the University of Maine with the degree of B.C.E. In 1901 obtained his C.E. degree. For seven years after graduation, Mr. Edwards had valuable experience as draftsman, checker, designer, etc., with various bridge and structural companies, including the Cambria Steel Co., Riter-Conley Mfg. Co., Pennsylvania Steel Co., Purdy & Henderson, and the Boston Bridge Works. In 1905 he became designer and estimator in the office of the bridge engineer of the Boston and Maine Railroad, and the following year accepted a similar position with the Chicago and Northwestern Railway. In November, 1907, he went to Montreal as structural engineer of the Grand Trunk Railway. The first year he was at Montreal, Mr. Edwards worked on



designs and estimates for all classes of railway bridges. He was then placed in charge of the design and construction of the Coteau bridge over the St. Lawrence River at Valleyfield, P.Q. This work involved the removal of the existing metal bridge and the erection of two swing spans and seventeen fixed truss spans. This bridge is 3,165 ft. long and cost approximately \$510,000. After the completion of this work, Mr. Edwards was engaged in special in-

vestigations and valuations of bridges and other structures. From September, 1912, to February, 1913, he was engaged in exploration and estimation of cost of structures on a proposed railway line, and in February, 1913, he joined the staff of the city of Toronto. During the past six years he has supervised the construction of the Crawford Street, St. Clair Ave., Mount Pleasant, Olympic-Island, Strachan Ave. and other Toronto bridges, and various smaller structures, and has also had charge of the maintenance of all existing bridges. Besides this work he has devoted a great deal of