

tion with the Falcon River diversion dyke; and the completion of boring operations for water at Deacon, which has resulted in the obtaining of a supply of 40,000 gallons per day.

Wallaceburg, Ont.—A progress report on the work being done by the Thrasher Company of Toledo states that all the work at the pumping station for the new waterworks system has been completed, and the construction of the station has been commenced. While dredging for the pipe line to be laid across South Wallaceburg, about 25 spiles and many old trees had to be dug out of the sewer bank, and divers had to be employed frequently. The work in the town is somewhat behind due to trouble being experienced by the contractors on account of sand cave-ins. On Wellington Street, where the pipe has to be laid at a depth of 20 feet to pass under the river, the entire sewer is being planked to the full depth. The lack of pipe also is delaying outside construction.

PERSONAL.

CHAS. J. GIBSON, formerly of Haileybury, has been appointed by the town council of Bowmanville to the office of Town Engineer.

H. C. COX, president of the Canada Life Assurance Company, has been elected a director of the Canadian General Electric Company in succession to his brother, E. W. Cox, recently deceased.

R. W. McCONNELL, a member of the staff of the Geological Survey, Dominion Government, Ottawa, has been appointed Acting Deputy Minister of Mines, following the resignation of R. W. Brock, as Deputy Minister of Mines.

DR. C. W. DRYSDALE, of the Geological Survey of Canada, who has engaged at the government's camp at Rossland, B.C., has completed his work there and is now at Ymir, in Nelson mining division of West Kootenay, B.C., making a study of the ore deposits at that camp.

ROBERT ROSE, of 295 Jarvis Street, Toronto, and also of Victoria, B.C., an engineer who has gained much knowledge of the Orient and its languages, as well as much experience among British and Canadian manufacturers of power machinery, is perfecting arrangements with several large engineering firms in Eastern Canada to represent them in Shanghai, China. It is understood that in that country there is an ever-increasing demand for transport and power machinery, and Mr. Rose, with his qualifications, will doubtless be successful in the undertaking of opening this new export business.

JOS. BILLINGHAM has been appointed to the position of Superintendent of Motive Power for the Grand Trunk Pacific Railway Company, and succeeds G. W. Robb, who resigned recently from the office. Mr. Billingham is a native of England, and his first position of importance was with the London and Northwestern Railway. Subsequent to his connection with this railway company, he has been master mechanic for the Burlington and Ohio Railroad, European manager for the Galena Signal Oil Company, and, directly previous to his new office, superintendent of works for the American Locomotive Company at Schenectady, N.Y. Mr. Billingham's new headquarters will be at Transcona, Man.

JOHN S. BATES has been appointed to succeed A. G. McINTYRE, resigned, as superintendent of the Dominion Forest Products Laboratories in connection with the McGill University. Mr. McIntyre is now in charge of a new paper mill at Bathurst, N.B. Mr. Bates was born at Woodstock, Ont., and is a graduate of Acadia University in arts and science. After leaving Acadia, he went to Columbia University, New York, and graduated in chemical engineering, specializing in pulp and paper. He made a study of the utilization of Southern pine waste while at Columbia, and

since the conclusion of a brilliant course there has had practical experience with the Union Bag and Paper Co., of New York, and Arthur D. L. Little, Inc., chemists, of Boston. Mr. Bates has already entered upon his new duties.

THOMAS TURNBULL has received the appointment of assistant chief engineer for the Canadian Northern Railway Company, with offices at Winnipeg, Man. Mr. Turnbull began his engineering experience in 1881 as transitman on location for the Canadian Pacific Railway, and later became resident engineer on construction on that road. In 1889-91 he was employed by the Newfoundland government as engineer in charge of a location party and construction work on the Halls Bay Railway. From 1891 to 1897 he was assistant engineer of maintenance and construction on the Western Division of the Canadian Pacific. For three years following he was chief engineer of the Canadian Northern Railway lines west of Winnipeg. In 1900 he was engaged in contract bridge work on the Canadian Pacific, and during the following year on reconnaissance work for the Dominion Government. From 1902 to 1904 Mr. Turnbull was again in the employ of the Dominion Government as inspector of surveys. From 1904 to 1910 he occupied the position which he now holds, that of assistant chief engineer for the Canadian Northern Railway. In 1910 he went to the Hudson Bay Railway as assistant chief engineer, and remained in that position until 1912, since when he has been chief engineer of the Edmonton-Dunvegan Railway.

REGINALD W. BROCK has resigned the office of Director of the Geological Survey and Deputy Minister of Mines, and has accepted an appointment as head of the Applied Science Department of the new University of British Columbia. Mr. Brock was a student of the University of Toronto from 1891-92. During the summers of these years, Mr. Brock acted as field assistant to the Geological Survey. On the organization of the School of Mining in Kingston, he enrolled as a student in Queen's University, graduating in 1895. The summer of 1895 was spent at the University of Heidelberg; and the subsequent autumn, Mr. Brock was given temporary charge of the Department of Mineralogy at Queen's University, from which he resigned to become a permanent member of the staff of the Geological Survey of Canada, chiefly in British Columbia. After five years in the office of this department, another year was devoted to study again at the University of Heidelberg; following which, Mr. Brock became Professor of Geology in the School of Mining at Queen's University. Since that time, also, he has maintained his connection with the Geological Survey branch, spending the field seasons in British Columbia, where his most recent work has been the detailed examination of the Rossland mineral area, and his valuable report on several mines of that district made about three years ago at the requests of the different companies.

OBITUARY.

The death occurred recently of William R. Sinclair, railroad and general contractor, at his home, 1412 Portage Avenue, Winnipeg. The deceased was 67 years of age, was a native of Scotland, and has been a resident in Manitoba for 50 years. Mr. Sinclair was one of the promoters of the South Eastern, now a part of the Canadian Northern Railway, being one of the first contractors engaged on that work.

BERTRAND G. DYE met death by drowning on August 23rd at Balmy Beach, Toronto. Mr. Dye was an engineer, occupying the office of superintendent with the firm of Tate Electrics, Limited, and previously was connected with the work upon the Toronto filtration plant. The deceased was a native of South Norwood, Surrey, Eng., and a graduate of King's College, London.