

Montreal, Que.—Should the plans for the enlarged Montreal waterworks have been submitted to the International Waterways Commission? That is a question which several eminent engineers are asking, and which has resulted in an enquiry into the matter. When the enlarged aqueduct is completed there will be a flow of 6,500 cubic feet per second from the St. Lawrence above the rapids into the waterworks canal, or about one-eighteenth of all the water of the St. Lawrence. This, it is claimed, will have a direct effect in lowering the level of the water above and along the rapids. Therefore, the plans should have been, or should now be, submitted to the Waterways Commission. It has been decided that plans for power plants in the Cedar Rapids and other points must be submitted to the Waterways Commission, and that the enlarged Montreal Waterworks, drawing such a supply of water from above the rapids, should necessarily fall under the same category. In discussing the matter, Mr. T. W. Lesage, superintendent of the Waterworks, stated that: "The plans were never submitted to the Waterways Commission, and there was no reason why they should be. We are drawing the water out of the river near the rapids, and it is going back into the river near Victoria Bridge. I cannot see that the enlarged works will have any effect upon navigation." "Our enlarged waterworks," says Controller Godfrey, who has special charge over the waterworks, "cannot have any effect upon navigation, except as regards the small river steamers. It will not affect the water in the canal. The water flows into our canal above the rapids, and flows right out again lower down, so that it will not affect the level of the river in the harbor. In any event, the plans for the enlarged plant were completed before the present Waterworks Commission was in existence." Against all this, it is claimed that the plans should be submitted to the Commission, even if it were only as a matter for formality, just the same as power projects in relation to the St. Lawrence are submitted as having international importance. City hall officials assert that when the plans for the waterworks were passed some years ago, they were recommended by three expert engineers, who pronounced that they would not interfere with navigation.

PERSONAL.

MR. GEO. B. WILSON, secretary to the mayor of Toronto, has been appointed the head of the street cleaning department, which is to be reorganized.

MR. W. R. SWEANEY, recently acting general manager of the Toronto Hydro-Electric system, has been appointed sales manager of the Toronto Electric Light Company, taking the place of Mr. Parker Kimble, who received an important appointment at Cincinnati.

E. BRYDONE-JACK, Professor of Civil Engineering, University of Manitoba, has opened an office as consulting engineer at 305 Boyd Building, Winnipeg. He will conduct a general consulting practice covering the fields of bridge, structural and concrete work, power development, tests and inspection, etc.

CUMMINS & AGNEW, consulting engineers, Vernon, B.C., have been appointed as city engineers of Vernon, B.C. This consulting firm was recently organized, and consists of a partnership of several established practising engineers. They have several irrigation projects on hand, and are engineers to several towns in the Okanagan Valley. They are undertaking all classes of civil engineering work, both consulting and constructing. Associated in the firm are A. P. Cummins, C.E., B.C.L.S., J. C. Agnew, B.C.L.S.,

F.R.G.S., D. M. Mathieson, B.Sc., C.E., and J. C. Dufresne, M. C. Soc. C.E.

PROF. VAN, graduate of McGill University, Montreal, at present head of the College of Mines of the University of Minnesota, of which university he has been associated with for the last fourteen years, has been appointed director of the department of mines and metallurgy of the Panama-Pacific Exposition, to be held in San Francisco in 1915. He is a native of Holland, and he has had an extensive experience in practical mining work in the United States, Mexico and Canada.

Plans for the Palace of Mines and Metallurgy show that it will be one of the handsomest of the fourteen exhibit palaces now being erected at Harbor View, the exposition site. The extent to which the subject is to be featured at the Panama-Pacific international exposition is indicated by the classification of exhibits in this department, just announced by Capt. Asher Carter Baker, director of exhibits. There will be five groups, subdivided into fifty-eight classes, which will include displays relative to equipment and methods of geological surveys, mining bureaux and other societies for the promotion of mining.



Prof. Van, Graduate of McGill and Director of the Panama-Pacific Mines Metallurgy Exhibit.

The exhibit in its entirety will not only afford exceptional educational opportunities to the public in general, but will be of particular value to mining men in the special fields of their activity.

H. B. PULLAR, Assoc. Am. Soc. C.E., and **C. H. ENZENROTH**, B.S., announce the opening of their consulting laboratory at 378 Woodward Avenue, Detroit, Mich. Mr. Pullar was formerly assistant manager and chief chemist of the American Asphaltum and Rubber Company, Chicago, and has had long experience in the testing of asphalts and bitumens, and the practical handling of these materials in the construction of roads and pavements, having made and supervised the mixes on approximately 10,000,000 square yards of bituminous roads and pavements of various types.