

capital would not be attracted to fields that prove unprofitable. Inordinate labor demands will kill industry, both domestic and foreign; for it is plain that a high level of wages, and excessive costs of production, diminish a nation's power to compete in the neutral markets of the world. The future of labor is to be found, not in short hours, inefficient work, and artificial wages, but in technical and trained efficiency and increased production. A just return to capital, commensurate with the risks of industry, and the loyal co-operation of trained and efficient labor will do more to safeguard the standard of living and advance true democracy than the vaporings of any Bolsheviki class, whether at home or abroad.

PERSONALS

R. S. KELSCH, consulting engineer of Montreal, has been elected vice-president of the American Institute of Electrical Engineers.

W. M. PUNTER, formerly Canadian manager of Saxby & Farmer, Limited, has been appointed signal engineer of the Canadian Northern eastern lines, with headquarters at Toronto.

DR. ALFRED STANSFIELD, of Montreal, has accepted a commission from Hon. Wm. Sloan, minister of mines for British Columbia, to make a full investigation into the commercial possibilities of the application of electrical smelting methods to the development of the iron ore resources of that province.

WALTER SIDNEY HARVEY has resigned from the Department of Works, city of Toronto, to accept a responsible position with the Leaside Munitions Co. Mr. Harvey has been in the sewer drafting section for several years, and for the past few years was in charge of that section. He was more or less responsible for the design of nearly all of the more important sewers constructed in Toronto within recent years. Mr. Harvey was formerly assistant engineer of Lethbridge, Alta.

GEORGE A. JOHNSON, of New York City, has closed his consulting engineering office temporarily, having been commissioned a major in the quartermaster corps of the United States Army. He will be attached to the Construction Division of the Maintenance and Repair Branch, with headquarters at Washington, D.C. Mr. Johnson has been very prominent for many years past in waterworks circles, having done much original filtration and chlorination research work. He has acted as consulting engineer to a number of Canadian municipalities.

OBITUARY

Lieut. JOHN TURNER HOWARD, of the Royal Engineers, a graduate in civil engineering at the University of Toronto, has died from wounds.

In a debate on railways in the Spanish Senate recently Senor Cambo said the government was occupied with a large scheme for the development of hydro-electric energy, and hinted at the existence of a plan for working thus the main railways of the country. As the industrial development of Spain is suffering for lack of communications and transport, and as transport at present depends on coal, the importance of this project is obvious, says the "Railway News." It is interesting to note also that practically all waterfall power plant in the country is run with German machinery, and Germans have been actively surveying and buying properties where this power could be developed on a large scale. There is said to be enough water power in Spain to do the whole work of the country.

ARE SEWERS REMUNERATIVE?

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the housing and rentals. No attempt is made to analyze the over-crowding statistics, though a police census of population is required annually for the purpose of returns to the Departments of Agriculture and to the Ontario and Municipal Railway Board.

The engineering departments are almost as lamentably backward. No effort is made to tabulate the number of premises lacking connection to either the waterworks or the sewers, although in most instances accurate references are kept as to whether an individual premise is connected. And apparently no effort is being made by the boards of health to determine, in sewered municipalities, the number of connected premises; nor is there, with the exception of one or two instances, any well-directed and continuous effort towards compelling all premises to connect to water mains and sewers.

UNION OF CANADIAN MUNICIPALITIES

THE eighteenth annual convention of the Union of Canadian Municipalities will be held July 9th-11th, at Victoria, B.C. The session of Wednesday, July 10th, will be under the auspices of the Commission of Conservation and will be devoted to civic improvement work. At this session Thos. Adams, town-planning adviser of the Commission of Conservation, will present a paper on "National and Municipal Housing." During the convention delegates will visit the shipyards located in the vicinity.

CORRECTION

IN our issue of April 11th, 1918, appeared an article by W. W. Young on "Emergency Development at Niagara Falls." The heading given to the article would indicate that Mr. Young planned to put temporary penstocks on the crest of Luna Falls. We are advised by Mr. Young that while his article may have been somewhat ambiguous regarding this point, he did not intend actually to build penstocks on the crest of the falls. Mr. Young writes:—

"To simplify for the reader as a method in the very elementary illustration for Luna Falls, I plead guilty of putting penstocks on the crests for the moment, and, with the length of article I felt justified in dictating, did not go into head works details and used 'removable dam' in an after-the-war sense.

"The successive steps of emergency development would result in a continuous spillway weir, with provision for emergencies, well behind the crest of all the falls, to raise the elevation of the water and divert it at right angles into marginal or littoral canals or penstocks along the three shores of Prospect, Goat Island and Victoria Parks. On re-reading I see that I left the matter open to the construction placed on it in the caption, though the one on the map and note is also implied and intended."

United States government supervision of employment for technical men has been inaugurated by the United States Employment Service, through the establishment of a division of engineering, with A. H. Krom, of Chicago, as director. Mr. Krom is a graduate of Purdue University and was formerly secretary of the American Association of Engineers. Recently he was engineer-in-charge of the Chicago office of the State Public Utilities Commission of Illinois.