

or dysentery the water would be infected and would produce disease in a susceptible individual. It is this difference between an infected water and a contaminated or polluted water that must be borne in mind. A polluted supply is dangerous because it may become infected at any time by a person suffering from typhoid or by a carrier.

PERSONAL.

Mr. BION J. ARNOLD, of Chicago, assisted by Mr. G. W. MOYES, of this city, has commenced the investigation of street railway traffic conditions in Toronto.

E. F. BRADLEY has been appointed manager of the Toronto office of the International Engineering Works, Limited.

K. S. MACLACHLAN, B.A.Sc., has recently been appointed superintendent of the Metals Chemical Company, of Welland, Ont., ore smelters and refiners.

Mr. WILLIS CHIPMAN, of the firm of Chipman & Power, Toronto, has been called into consultation by the city of Edmonton, Alta., in regard to the site of the proposed filtration plant.

Mr. J. G. S. HUDSON, consulting mining engineer, Department of Mines, Ottawa, is at present in Nanaimo, B.C., on an investigation trip concerning explosives. It is understood that one of the measures to come before the Federal House next session is a new Explosives Act.

ARTHUR H. BLANCHARD, M. Can. Soc. C.E., Professor of Highway Engineering in Columbia University, has been retained as Consulting Highway Engineer by the Department of Efficiency and Economy of the State of New York.

PREVOST HUBBARD, in charge of the Division of Roads and Pavements of the Institute of Industrial Research, Washington, and lecturer in Engineering Chemistry in Columbia University, has been retained as Consulting Highway Chemist by the Department of Efficiency and Economy of the State of New York.

Mr. W. ARMSTRONG, Canadian manager of the Canadian P. J. Mitchell Company, Limited, has resigned his position in order to become managing-director of the newly-formed Armstrong-Kerr Company, of Vancouver, contracting engineers. Mr. Armstrong is now en route to Vancouver, having returned last week from England, where he secured several desirable agencies for his new firm.

Mr. D. EWART I.S.O., chief architect, Department of Public Works, Ottawa, is on a tour of official inspection across the Dominion. Mr. Ewart will stop at all places where important public works are in progress. The Department at present has several large undertakings under way in the west, and more of them planned, such as large dry-docks on the Pacific coast and storage elevators at various western points.

Mr. RICHARD V. LOOK, of Louisville, Ky., formerly vice-president of the American Creosoting Company, has been elected president of the Canada Creosoting Company, Limited, and will move to Toronto this week to assume his duties. Mr. Look's office will be in the company's head office in the Canadian Pacific Railway building, Toronto. As president of the company he succeeds Mr. Hurt, the president of the American Creosoting Company, who acted temporarily as president of the Canada Creosoting Company, Limited, during its organization.

Mr. A. E. GRANT has been appointed managing-director of the Canadian British Insulated Company, Limited. For the last twelve or thirteen years Mr. Grant has been with the British Insulated and Helsby Cables, Limited, England, which company is the chief stockholder in the Canadian firm. Since 1906 he has been manager and chief engineer of the Cardiff office, which controls the firm's business in the south-western counties of England and in South Wales. He is a brother of Mr. Lawford Grant, president of the British Insulated Company, Limited, who recently resigned his former position as managing-director in order to accept an important post with the Eugene Phillips Electrical Works, Limited.

COMING MEETINGS.

THE INTERNATIONAL GEOLOGICAL CONGRESS.—The Twelfth Annual Meeting to be held in Canada during July and August. Opening day of the Toronto Session, Thursday, August 7th. Secretary, W. S. Lecky, Victoria Memorial Museum, Ottawa.

THE ROYAL ARCHITECTURAL INSTITUTE OF CANADA.—Sixth General Annual Assembly will be held at Calgary, Alberta, September 15th and 16th. President, J. H. G. Russell, Winnipeg, Man.; Hon. Secretary, Alcide Chaussé, 5 Beaver Hall Square, Montreal, Que.

CANADIAN PUBLIC HEALTH ASSOCIATION.—Annual Meeting in Regina, September 16th, 17th and 18th. General Secretary, Major Drum, Ottawa; Local Secretary, Dr. Murray, Regina.

AMERICAN ROAD CONGRESS.—Annual Session will be held in Detroit, Michigan, from September 29th to October 4th. Secretary, J. E. Pennybacker, Colorado Building, Washington, D.C.

AMERICAN SOCIETY OF MUNICIPAL IMPROVEMENTS.—Twentieth Annual Meeting to be held in Wilmington, Del., October 7th to 10th. Secretary, A. Prescott Folwell, 15 Union Square, New York.

UNITED STATES GOOD ROADS ASSOCIATION.—Convention will be held at St. Louis, Mo., November 10th to 15th. Secretary, J. A. Rountree, Loz1 Brown-Marx Building, Birmingham, Ala.

AMERICAN ROAD BUILDERS' ASSOCIATION.—Tenth Annual Convention to be held in First Regiment Armory Building, Philadelphia, Pa., December 9th to 12th. Secretary, E. L. Powers, 150 Nassau Street, New York, N.Y.

THE INTERNATIONAL ENGINEERING CONGRESS.—Convention will be held in San Francisco in connection with the International Exposition, 1915.

THE WESTERN CANADA IRRIGATION ASSOCIATION.—Meeting to be held at Lethbridge, Alberta, on August 5th and 6th, 1913. Secretary, Norman S. Rankin, Calgary, Alta.

AMERICAN CONCRETE INSTITUTE.—First Annual Convention to be held in Chicago, February 16th to 20th, 1914. Secretary, E. E. Krauss, Harrison Building, Philadelphia, Pa.

READERS SHOULD NOTE THE REMOVAL OF THE LIST OF CANADIAN TECHNICAL AND MUNICIPAL SOCIETIES FROM THIS PAGE TO PAGE 94, IN THE REFERENCE SECTION OF THE CANADIAN ENGINEER. BY THIS CHANGE, ALMOST AN ENTIRE PAGE OF READING MATTER IS ADDED WEEKLY.