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THE PNEUMATIC SYSTEM OF SEWERAGE AND ITS APPLICATION TO THE CITY OF MONTREAL.

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This article will deal in general terms with the cost of the Pneumatic System. It has been overstated by persons not possessing the necessary data for making an estimate. It is true that the cost of construction at the outset would exceed that of the water carriage system,—just as any engine of advanced civilization will cost more to build than would the primitive contrivance which it supersedes.

To arrive at clearer ideas as to the real cost of the Liernur Pneumatic System, as compared with that of the Water Carriage System, take the case of the whole or a part of a city which is unprovided with any system of sewerage, and consider the elements of cost, both direct and indirect.

The two systems will compare as follows :

LIERNUR'S SYSTEM INVOLVES :

WATER CARRIAGE SYSTEM INVOLVES :

(1) Closets in the house of a simple nature, not liable to expensive arrangements.

(1) Closets with pans, traps, handles and water valves.

(2) Soil pipes from closet to street pipe.

(2) Soil pipes and drains from closet to street sewer.