

in magnitude and population from the same cause, and what may be deemed with propriety ample sewerage accommodation for the wants of to day, may fall very far short of what the circumstances of to-morrow will require.

Using all diligence, then, to keep pace with the necessities of the times, and with a clear and comprehensive view for future requirements, no time must be lost in maturely considering and commencing such a system of sewerage as shall render the City of Montreal as famous for its cleanliness, as it will be for its commerce and importance throughout the whole of British North America.

Before proceeding to enter into any detail, or theorizing on this or that particular system, it will be well, for future guidance, to describe carefully in what a system of drainage or sewerage should consist, in order to produce the effect for which it was created.

In the first place, then, it must be extended, embracing as large a surface as possible, and conveying in the most direct and efficient manner the collection of surface water and street drainage to the natural drain of the Country, that is, in this instance, to the River St. Lawrence.

Secondly, the drains, sewers and culverts, which constitute it, must be permanent; constructed of the best material to be procured for such purposes, laid on good and sure foundations, and of such form and dimensions as will combine economy with perfect effect.