

TO THE WORSHIPFUL

THE MAYOR AND COUNCIL

OF THE

TOWN OF PETERBOROUGH.

GENTLEMEN,—I have the honor to report on a System of Sewerage for the town of Peterborough.

I have visited the town on several occasions, and have made myself well acquainted with the locality, and have also had several interviews with the members of the Special Committee on Sewerage and your City Engineer, who has at all times readily and cheerfully given me all the information I required, and from whom I received the plan with the levels marked thereon, on which I have based my system.

SURFACE, OR STREET DRAINAGE.

It is not intended to consider any scheme for the disposal of the surface water which may accumulate during rain storms, as your town is so favorably situated for disposing of it; the gradual fall from north to south gives good grades for the streets, and the frequent intersections of these by the mill stream or creek afford ready means of carrying off storm water. To this must be added the porous nature of the subsoil which forms an absorbing and filtering medium. So far as I am able to learn, much inconvenience or damage has not been caused by street floodings, except perhaps on Water and George streets; this water can readily be cut off at Brock street, and drained into the mill stream or the river at a moderate cost.

THE SYSTEM RECOMMENDED.

You are all familiar with the several methods adopted in constructing sewerage systems, it is not necessary to enter into any consideration of them. The system I have adopted is what is called in this country the separate system, based on the "Suggestions for Sewerage" by Sir Robert Rawlinson, C.B., late Chief Engineer to the Local Government Board in England, when the Public Health Act was passed in 1875. This system provides for the introduction