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# Canadian Society of Civil Engineers.

SESSION 1888.

## TRANSACTIONS.

Thursday, 11th October.

SAMUEL KEEFER, President, in the Chair.

### *Paper No. 20.*

#### THE SEWERAGE SYSTEM OF VANCOUVER, B. C.

By E. MOHUN, M.CAN.SOC.C.E.

Vancouver, the Western Terminus of the Canadian Pacific Railway, is situated upon a peninsula, along the northern shore of which extends the magnificent harbour of Burrard Inlet, while its southern beach is washed by the shallow waters of False Creek.

The population at the present date, February, 1888, is about 6,000, and is rapidly increasing, every incoming train and steamer bringing some addition to the number of its residents.

On the 13th June, 1886, occurred the disastrous fire, which destroyed the whole city with the exception of two houses; yet, six months afterwards, such was the indomitable pluck of the inhabitants, not only was the city rebuilt, but companies were formed for the introduction of the electric light, gas, water, and street tramways; and the question of sewerage was being discussed.

In addressing an assemblage of engineers, it is needless, at the present day, to insist upon the necessity of efficient sewerage, and upon the criminal negligence of civic authorities who neglect the means which science places at their disposal for preserving the health of, and decreasing the mortality among their fellow citizens. The only points as to which there can be a diversity of opinion are, the system to be adopted and the details of construction.

In May, 1887, the author received instructions to prepare plans and specifications for sewerage the most densely populated district.

In deciding upon a system of sewerage, it was considered advisable that such a plan should be adopted as would be capable of extension

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