

MUNICIPAL DEPARTMENT

HAMILTON SEWAGE DISPOSAL WORKS.

These works, which have just been completed, are situated at the outlet of the Ferguson avenue trunk sewer, and are the second constructed in the city, the first ones being built at the east end, and already described in the CONTRACT RECORD. The tanks in these new works are made longer and narrower, and there are six in place of three at the east end works, on account of there being so much more sewage to be treated.

The sewage, passing through a screen in the receiving well, is pumped into the channel by centrifugal pumps, and is mixed with lime and alum in the proper proportions in passing through the building. At the outside of the building the channel is enlarged and deepened six inches to collect any sand which may have been pumped up, and which was found in the east end works to collect under the well in the first tank. Passing along the channel, the sewage is conducted through the tanks, where precipitation takes place, and the effluent then flows by a second channel at the other end of the tanks either to filter beds, should any necessity for such ever occur, or to Burlington Bay, as is at present intended. The works at the east end have been so successful that it is thought the effluent can be discharged into the bay with perfect safety without further treatment. The sludge is drawn off by pipes into the sludge well, and from there is pumped either into the sludge presses, or else into an elevated wooden tank, to be drawn off later into waggons and carted away.

The works have been constructed from the plans and under the supervision of the City Engineer, Ernest G. Barrow, M. Can. Soc. C.E., M. San. Inst. (Eng.), and are perfected with all the latest improvements.

From experience gained in the building of the east end works, the architects, Messrs. Wm. & Walter Stewart, have been able to introduce many improvements into the buildings connected with these works, the whole making a most complete plant.

AN ACT RESPECTING TOWN COUNCILS.

Mr. Caven has introduced in the Ontario Legislature an act respecting town councils, which reads as follows :

1. The council of every town having a population of not more than 5,000 by the last Canadian census shall consist of a mayor, who shall be the head thereof, and of six councillors to be elected by a general vote of the municipal electors in the town.

2. The council of every incorporated village shall consist of a reeve, who shall be the head thereof, and four councillors to be elected by the general vote of the municipal electors of the village.

3. The council of every township shall consist of a reeve, who shall be the head thereof, and four councillors, who shall, where the township is not divided into wards, be elected by general vote, and where the township is divided into wards, the reeve shall be elected by general vote, and one councillor shall be elected for each ward.

