

manent bounds set up. Delay in this matter will cost the city thousands of dollars.

Increase in High Service.

Mr. Keefer suggested the creation of an intermediate service to relieve the High Service by constructing a reservoir in the valley of the Beaver-dam Brook. We cannot afford, however, to take any water from the Long Lake gathering grounds as the whole supply of Long Lake is required for those portions of the city commanded by it. The High Service cannot be increased from Spruce Hill Lakes as the present main will discharge all the water that can be obtained from it at source. It would be practicable to bring the storage of Ragged Lake into the pipe leading from Spruce Hill Lakes and a 40 days supply of 1,500,000 gallons a day could be obtained during the driest season, while the storage capacity, if the lake was raised 10 feet, would be over 400,000,000 gallons.

We have a few men employed at Spruce Hill Lakes cutting stone to complete the work of strengthening the dams. A portion of the work was done last fall, but the water came so near the top of the dam last month that we were obliged to insure the safety of the structure by lowering the lake. When the work on the dams is finished we shall be able to store all the water that the Spruce Hill Lakes watershed will supply.

To recapitulate: the matters submitted for your consideration are:—

1. The necessity for improvement or increase in the supply.
2. Prevention or reduction of waste by the adoption of strict plumbing rules, house to house inspection, abolition of hopper and all other closets and urinals that are not self acting and the general use of meters.