

This would entail but little engineering expense, but it would necessitate the purchase of all the land that would be overflowed and required for this purpose. Again, the Sugar Refinery Company and others, who have the privilege of Lake Maynard water, would be equally benefited, and should correspondingly contribute, but of this we cannot report. We could in this way get a large supply.

2nd. On our own grounds, about 300 yards from the boiler house, there is a very good supply of water that is 10 feet above the level of the boiler house floor. This independent supply we could easily obtain, the principal expense would be for pipe, as we could do the excavation by the labour of the patients.

3rd. There is another water supply about 100 yards farther back, which has been tapped by the Sugar Refinery Co. for their private reservoir.

4th. By making a reservoir on our own grounds to the south of the main building and collecting in it all the rain waters, overflow from the lake when it is full, condensed water, etc., and storing it there in case of defective supply.

We are now solely dependent on the efficiency of the water pipes from the lakes, and the possibility of a defect, that would prevent our supply even for a short time, would be more than serious, as we have at present no other source to fall back on.

Of the four suggestions above offered, I would recommend the second to be at once proceeded with, as it would cost the least, could be most quickly done, and would afford a very fair independent supply. Since the pressure on the pipes would be very little, we could use those that were least costly.

This water would supply all demands unless for culinary purposes, and for this it would answer until the increase of dwellings in the vicinity might contaminate the supply.

Its only disadvantage is that for general purposes it would need to be pumped to the reservoir in the Main Building, and this is minimized comparatively, for we have had to pump our water from the Lake, owing to the diminished head due to low water, with the prospect of this condition continuing.

I have not referred to wells, as geologically the indications are unfavorable for a supply of any amount of water that would be of service.