

The following estimate, &c. in regard to supplying the city with water, was read and referred to the committee to whom its subject was entrusted.

“ Agreeably to the wishes of your committee appointed to confer with me on a plan and the probable expense of watering the city so far as may be necessary to furnish an ample protection against fires. I herewith submit the following

#### REPORT:

First as relates to the best plan and economy to accomplish an object so very desirable to all who feel an interest in the prosperity and security of this city. The water must be raised either at the west or the east end of the city; the latter is considered preferable, on account of the natural surface of the bluff being several feet higher, requiring less artificial elevation in the construction of the reservoirs. The site for steam Engine, Building, Engine, Force Pumps, Iron Pipes to discharge into reservoir, and reservoir itself constructed of brick laid in cement so as to render it perfectly tight may be estimated at, say \$20,000.

Three miles of pipe to traverse the three principal streets, and one line to connect the other three altogether making about three miles in length if of iron as they undoubtedly should be in pursuance of the best economy, may be estimated at \$10,000 per mile--\$30,000.

This sum includes 50 Penstocks, from which water may be drawn at pleasure for the use of the citizens instead of going to the pumps. At every one of these an attachment is to be provided, so as to connect the Hose in case of fire, the water to be regulated by water locks.

#### RECAPITULATION.

The means for elevating and retaining water,	\$20,000
Do. do distributing do.	30,000
	<hr/>
	\$50,000

The above is predicated on the supposition that the top or head of the reservoir is to be 50 and the bottom to be 40 feet above the surface of the Bluff at the Court House square—that iron pipes be used and that every part of the works be done in the best and most substantial manner.

The same extent of supply with wood under a low head say from 10 to 20 feet, may be accomplished at a reduction of from 20 to 25 per ct. But then it would be impossible to derive several advantages from its accomplishment which may, in a few years, become sources of revenue and greatly diminish the annual expences to the city.

I would, if it were desired, furnish the capital and accomplish the above on the plan suggested (which when attentively considered, I think, will obtain a decided preference) as it will confer much greater security in property and admit of a much wider range of accomodation to our Citizens at large, than the other or low reservoir.

The annual cost to the city would be for interest on Stock at 10 per cent.	\$5,000
For keeping every thing in repair and supporting the necessary power	3,000
	<hr/>
	\$8,000

All of which is respectfully submitted.

JOHN MARTINEAU.