MR. EDITOR: An article appeared in your local columns of Saturday, condemning in strong terms the use of lead pipes in connection with the introduction of water from the aqueduct. That the prejudice existing against the use of lead for service pipes is entirely unfounded has been demonstrated very clearly of late years. In the city of Boston; after examining the subject thoroughly and subjecting it to a chemical analysis, the engineers in charge of the works, and the board of water commissioners for that city in their report for 1853, make the following statement: and of wat m their report statement: The some

city in their report for 1853, make the following statement:

"The service-pipes are connected with the distributing-pipes, and are carried through the enter walls of the buildings at the expense of the city, provided the distance from the line of the street is not more than thirty feet. They are almost all of lead, and generally five-eighths of an inch in diameter. There are some, however, of iron, of one and a half or two inches in diameter, which were laid in compliance with the wishes of individuals. Thereobjections to that metal (iron) arising from their filling up with accretions, discoloring the vater with rust, and being easily fractured, have been found quite rious. Some objection, also, was made to the employment of lead for this purpose, on the supposition that it might communicate a deletenous influence to the vater. The subject was submitted to the consideration of the consulting physicians, and investigated with great care by Prof. Horsford, of Harvard College, and the result at which they arrived seems to be sufficiently decisive to relieve the anxiety which had been expressed. The whole number of service-pipes laid to January, 1852, is 16,049, of which 13,319 are of lead."

This report but confirms the experience and apports of engineers and all reports throughout This report but confirms the experience and reports of engineers and all reports throughout the principal cities of the Union. In but one or two inconsiderable towns is any other description of pipes used; and the statistics of the various water companies throughout the United States show that nine-tenths of the water supplied to their consumers is through lead service pipes. None other is so durable, none other suited so well to the purpose; and the ill-grounded prejudice against the use of this article is fast being rooted out by the practical experience of consumers. Practical.

In reference to the above remarks, we will state that the report quoted from covers only so much ground as relates to the water brought into the city of Boston from the Cochituate

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he city of Boston from the Cochituate water which has never been discovered ain a particle of lime. It is a well-settled pondto contain a particle of lime. fact, that water strongly impregnated with lime odes the lead to a very considerable degre and it is equally well-known that the Potomac from whence our supply is to be derived, tray. from whence our supply is to be crees a limestone region before being so distri buted. The force with which we are given to understand this water will flow, must necessa-rily detach and convey the corroded particles our tables and kitchens. A continuous flow of water through leaden pipes diffuses the detached or corroded particles through a greater mass of fluid, and is cony less dangerous; but if the water be or the pipes become dry, the first flow er should be avoided as so much strych the water be, the first flow sequ<mark>ently</mark> shut off, o thereafter

lif leaden pipes ...
If leaden pipes ...
least be lined or plated with ...
metal, such as block-tin; but we are
that it would be better to dispose with them
and substitute iron in their stead.
The water will flow through them will in a great measure obviate or remove the incrustations, and the addition of a few feet of the same metal to the long iron mains cannot add much to the discoloration.

nine, for its effects are frequently as fatal.
If leaden pipes must be used, they should at least be lined or plated with some non-corroding

Of the deleterious effects of imbibing lead into the human system, the pupilc need not be told. The painter's, or lead cholic, is a disease to be dreaded by all who have experienced it, or have witnessed sufferers writing days and nights, without sleep or cessation, under its tor-turing agonics. There are many friends of the writer who will recollect an occasion where many of the employees of a large establishment were attacked with this disease from imbibing water brought into it by leaden pipes; nor was the cause of their sickness discovered until it had nearly proved fatal to some of them. Those

escaped who did not drink the water assured by rests, that water respectable physician through lead and chemists, that water flowing through pipes cannot be otherwise than injurious to flowing stem, although easily affect constitutions system, some affected by others it than The latter may use it for years, and attribute the pains they suffer in the lower limbs, where

generally first developed, to meumatism or gout; while in the former it pro-duces, in addition to these indications. generally pation of the most stubbers pation of the most stubborn kind, frequently balling the skill of physicians, and operation of edicine of high importance to our citi-l be referred to a commission and practical chemists, before This subject is should and

of physicians and practical chemists, before the practice of attaching leaden pipes becomes general; and we sincerely hope that the Coun-cils will take the subject into consideration as a great sanitary measure