Some time ago, the City Gouncil appropriated thou and \$4.000 for the purpose of coastrouting works for the supply of the city with water. The project contemplated the bailding of an embank-most, and a water wheel, with an acqueduct for distributing the water. It was a most necessary work, and the Gouncil hard-pertainly done emential service to thousitens in undertaking it. The ombankment is shout 500 yearls long, and shout force in the two trood if private years part of the private private water than the private private

le faced with a substantial wall of stone. It ex-

City Water Works

taken from the river, unwards, and this accurs a permanent supply of reated adependent of all the chances of bools or overflows, as the work cannot be wasted away by the settion of the river. The work has been well done, and very obseptly, too, under the charge of Mr. B. Saton.

The water wheel has been put in its place this

week. It is an immense smoorn, being forty feet acress, opphile of raising 15,000 gallons an hour. It has been made, under contract, by Messes. Perry & Woodworth, and is a oreditable work. The appropriation, however, is insolucion for the completion of the work as intended, and the

tha completion of the work as intended, and the Council will be completed to vote further applies. The water will be raised by the wheel to no clevation sufficient to throw a stream on the top of the highest houses in town. The best means of conducting this water to the town should nt once be adouted,—this, by an ancested of officiency is the water to the town should nt once be adouted,—this, by an ancested of officiency is.

malch would be permanent. A ditch or dume would do het these would be frequently requiring repairs and in the end be as cossiy. However, if the former he deemed to expendity, cliber of the others can to adopted. The work however, must not be left lig an unfailed data, entailing a loss of a great part of the present expenditure. It is

of a great part of the present expenditure. It is intended to benefuet a reservoir capable of supplying the wants of the city, in some of the dips or depressions in the hills. There are thirty-two backets, each carrying 45 gallons; the wheel will, make two revolutions in

gallons; the wheel will make two revolutions in a minute, thus lifting 256 gallons a minute, or over 15,000 gallons an hour. The bucket is the invention of the contractors, Messrs Perry & Woodworth, and displays creating equity. It is fustened

worth, and displays great ingenuity. It is fustened along the urms of the wheel, and the water is held in by a valve, which on coming to the top, a handle strikes against a "cam," and is thus opened and

the water rushes out.