

S FAVORED BY GE MANAGER

Desirable
COST \$25,000.00
In Operation Of
Water Works War-
ants Expenditure
S. STARR, Village Manager
ham now has, for the first

Several years, more water than is required to supply the Village. We are carrying the surplus water in one basket as we went for twenty-four hours upon the confined space of several feet of pump distributing equipment, the one of which would hamper if not entirely interrupt supply of water in a dangerous situation and is not understood by the majority of our residents. Failure to supply is a very serious matter and should be insured by every possible means. Every man will see that his property is protected by

ty should see that the insured against the loss of anything so vital as the water which might cost sums in loss of property by nothing of any other fear.

Cham's water supply is now from two wells equipped directly driven deep well pumps is the most modern type of equipment for this source supply. One of these wells produce 600 gallons per minute and the other 300 gallons per minute are pumping directly into the mains. Under present

units of 100 G.P.M., to a total of 500 G.P.M. The larger it deliver more water than we will need at small flows, smaller will more than supply requirements.

The efficiency of such aggregate most efficiently and fully at the capacity, and the greater for which they are designed. This condition does all under present method of operation and efficiency of units varies from 20 to maximum efficiency being lost correspondingly increase in flow of pumping. This condition produces a great variation in which the cost of power increases and rises as the demand fluctuates in production. This fluctuation in production is the main problem," especially so near the station, and is the cause of waste in mains and service

present conditions, a failure electric power or accident to the turbine, which would mean many things, would leave us without water until the start-up of the station.

jumped from the ground star-
t. The most serious condition
have to consider is a pot-
hole in the main feeder pipe on
Maple avenue. A break in this
where between the pumping
and Woodward avenue would
the village entirely without
until repairs could be made, as
no other means of supplying
sufficient amount of water to the

part of the village. The village commission has considered the situation from all angles and has determined that the best means of protecting the village from the previously mentioned construction of an elevated reservoir capable of supplying the proper pressure in the pumps is to install a water supply system in favor of the installation of an elevated tank in competition with a water supply system in medium sized city and no good reasons against the installation. The principal advantages to be derived are as follows:

- It will supply the entire village with water in case of breakdown of power, pumps, motors or feeder pipes. There is no possibility of any order and

By providing a distributing under pressure at the center village it will increase duration and avoid to a considerable extent the necessity of installing larger mains.

It will decrease the cost of pumping because the pumps start at maximum efficiency as all water will be at the same level. This having will be returned to the farmers by a lower water rate. A good elevated storage tank is a value that cannot be put in dollars and cents on account of the greatly increased security it affords to the residents of the community.

There are no logical reasons against the installation of an elevated tank. It has been said in the past by many of our people that they are not being used in most systems. This is an absurd statement. Cities and villages all over