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To the Residents of the McKownville Water District

Early this year at the suggestion of the McKownville Improvement Association, the Town Board appointed the McKownville Water Advisory Board. This Advisory Board, consisting of five members, all of which are residents of the District has studied the capability of the present water supply facilities to meet the current, as well as anticipated, water needs of the area.

Since its formation, the Advisory Board has met on a number of occasions to deliberate the problem. While the discussions were wide-ranging and included all matters pertaining to the water supply facility, these discussions revealed problems that are divided into three areas. These are the raw water storage facilities, the filtration plant and the distribution system. It is the hope and plan of the Advisory Board and the Town Board to improve these facilities so that McKownville may have a satisfactory water supply adequate to meet its needs for the future.

Although the study is continuing, the Advisory Board is recommending the first of several steps to achieve the necessary improvements. As many of you may know, the reservoir adjacent to the filtration plant has been filling with silt. Consequently, the storage capacity has been reduced to a dangerously low point, amounting to less than one million gallons. Of course, all of this storage is not available for use, further aggravating the problem of available storage. During the days of peak water use, the quantity of water has exceeded the capacity of the filtration plant which is 288 thousands of gallons per day. This means that the quantity of water in the reservoir amounts to only 10 days use during the peak use period.

The concern with this aspect of the problem can be lessened if the storage capacity of the reservoir is increased. The consulting engineer,

J. Kenneth Fraser in cooperation with the Advisory Board, has made an engineering study of the ways that the reservoir storage capacity can be increased.

Of the number of ways that this can be accomplished, the more economical and practical plan is to dredge the present reservoir. By removing the silt and other deposited material, it is possible to increase the storage capacity by two million gallons, for a total capacity of over three million gallons. To do this, approximately 10,000 cubic yards of material would have to be removed at the cost of approximately \$30,000. By carrying out this project, the storage capacity would be increased to provide a 30 day supply during a peak use period.

The Advisory Board has endorsed and recommended the undertaking of the dredging of the reservoir at the earliest possible date, as it would be in the public interest to do so. On this basis, the Town Board is proceeding to take the necessary steps to get this project underway.

As mentioned previously, the Advisory Board is studying the ways and means of improving the filtration facilities and the distribution system. The basic information that is needed to develop a plan is now being developed. After it has become available and studied by the Advisory Board, it is expected that additional recommendations will be made for the consideration of the Town Board. You can be assured that the Town Board will consider these recommendations and will act in any program to assure the water supply for McKownville.