



Filter Box Controls Sediment in Water Systems

By **ALEXANDER M. RADKO**, Eastern Director and **LEE RECORD**, Northeastern Agronomist, Green Section, The United States Golf Association

Sediment in suspension, leaves, debris, plant growth, and all foreign material in a pond or lake often make their way into the pump and lines of the irrigation system. This problem sometimes occurs in golf course irrigation systems. To prevent this, Supt. Eb Steineger conceived the idea of filtering the water at the Pine Valley Golf Club, Clementon, N. J., with a filter box pictured above.

Two squares of tree trunks of three to four inch diameter are constructed, one 12 foot square frame and one six foot square frame. The trees are set upright into the pond which is 12 feet deep, like pier poles and are banded together by steel strips screwed into the trees. Inside the two sets of frames, he placed traprock, similar to that used on railroad beds, and washed gravel. The suction pipe then draws only clear clean water from the center of the frame and by gravity flows to the pump.

The intake pipe is set in the center of the filter box approximately five feet from the bottom. Every few years when the lake is drained, the leaves and foreign material are cleaned from around the outside of the filter box. This filter box has functioned properly since 1934.

OOPS—WE ERRED!

The article "A Double Victory Over Winter-Spring Injury" which appeared in the September, 1963, issue of the GREEN SECTION RECORD stated that "not one square foot of sod was laid prior to the Championship date." Sorry to say we erred, as a few plugs and sods were used on greens; but to quote Charles L. Peirson, Chairman of the Green Committee of The Country Club, "No large areas were completely sodded and probably 99% of the damage recovered was due to steps taken in your article."

The author, A.M. Radko, in several consultation visits to Brookline prior to the Championship, did not detect any fresh sodding work on greens, so expertly was it done. In discussions with John Kealty, course superintendent, Mr. Radko apparently interpreted Mr. Kealty's remarks to mean that the only sod work was done in prior years when winter injury occurred.

Sorry, the author four-putted this one!