## **Bunker Sand Traps**—

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ing fine particles, the silt and clay can cause drainage problems, and should be avoided. A percentage of no more than 2% total silt plus clay may be acceptable in a material which meets all other standards.

The final consideration is cost. As the ideal material must be screened, and in most cases washed, you can predict that your costs will be substantial. Do not assume that the most expensive material is necessarily the best one; the material may have had to be processed much more intensively than its less expensive competitor in order to meet acceptable standards. In some areas there are local "name" brand materials with good reputations; these tend to be quite expensive, and not always better than a less well-known one. The cost of hauling cannot be overlooked in the cost equation, since this factor can double or triple your total cost. In submitting material for testing, it is helpful to indicate relative costs of the materials, since we can weight our selection using the same factors you do and assist you more effectively in making a choice.

There are a few things to bear in mind as you prepare to put your new materials in place. First, do not mix new material with old, contaminated sand. The bunker should be emptied, drainage checked and corrected, and then the new sand should be added.

Also, try to stage the addition of the material; have it brought to the course and dumped on a driveway or other hard, clean surface. Then transfer it to the prepared bunker.

This permits examination and control of incoming materials. It is a good idea to specify that the trucks doing the hauling be cleaned before picking up your load. This prevents contaminating materials such as gravel or cement being picked up by your fresh sand.

Finally, check with the supplier of your selected materials to determine that the deposit of the material you select is adequate to supply your needs for some time to come. Limited availability can affect your future additions, and require that you go through the whole process again much sooner than you would wish.

A little time spent initially on assessing your specific needs, making inquiries concerning available materials and solving the initial cost versus maintenance cost equation will provide you with a more satisfactory long term result. The more information you have, and can provide to us, the better able we will be to recommend the best material for your needs.



## Rochester G&CC-

(Continued from Page 7)

tance here. This is the only hole with out-of-bounds directly along the right side. This green will only receive very high shots or those landing on the front half of the green. Don't be left of the green.

No. 17, Par 4, 390 yards. With prevailing southerly winds, this hole will play long. Tee shots finding the right side will be blocked by a large Eastern White Pine. Pin placements on the left side will require an approach shot short and right of the hole.

No. 18, Par 4, 410 yards. A drive down the left side of the fairway will avoid the double elm on the approach. The greenside bunkers on the left front give a false sense of depth perception. Pin placements to the left require accuracy.

## **MEMBERSHIP REPORT**

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Chris Hasbrouck	. Daytona C.C	BII to A

Dick Grundstrom, Membership Chairman