## Sand letter

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example, in the construction industry or for water filtration purposes, are available in the United Kingdom at reasonable prices. Furthermore, the technical specifications for these sands to which suppliers habitually work often permit a wide range of particle size, so that insistence on close limits may cause difficulties.

Thus a lowering of standards from the ideal becomes inevitable to costconscious golf club committees who may be ill-equipped technically to distinguish good sand from bad.

In the experience of two years ago, it was found that the cheapest sands were contaminated with silt, clay and organic matter. Better sands, at up to twice the price, tended to be too coarse, with too great a proportion over 0.60mm. in size or too fine with too great a proportion less than 0.30mm.

The best sand, which may have approximated to the American specification, was available only from a distant source and was priced at about three times the sand actually purchased, and about six times the cost of the cheapest local product.

It is not suggested that bunker sand should necessarily be standardised throughout the country. To go so far might detract from the individual characteristics of courses in widely differing environments. Nevertheless, guidance from some recognised authority would be welcomed and would help to improve golf course standards.

Who in this country will confirm the American recommendations and express a view on the tolerance that may be permitted in the interests of cost without impairing the playing qualities of the sand?

Your action in reprinting the American article is to be applauded and may stimulate further comment from the experience of others and from sand suppliers, followed by the authorative guidance suggested.



WELCOME to our new chairman, Mr. E. R. James, head greenkeeper at Parkstone Golf Club, where he has been for the past eight years. Mr. James was previously at West Essex Golf Club for nine years, and before that at Kingsthorpe Golf Club, Northants, his home town, where he started his career.

A golfer, Mr. James plays off a handicap of 14. He welcomes hearing from members at his home address, 49 Chatsworth Road, Parkstone, Poole, Dorset. Telephone: Parkstone 745059.

WE ARE sorry to report the death on November 10, 1974, of Mr. Sam T. Elliot, superintendent of the Royal Montreal Golf Club since 1960.

Before taking up this post he was at Ranfurly Castle. Members of the Scottish Golf Greenkeepers' Association will remember him particularly as their general secretary from 1957 to 1960.

LITTER LIFT Ltd. of Scethrog, Brecon, announce further sales of the 16 h.p. Model 1595 litter collector to two large golf courses where they are proving highly satisfactory for leaf collection.

THE Sports Ground Irrigation Co. of St. Mary's Road, Market Harborough, have announced their appointment as official installation contractors for Buckner pop-up sprinklers for the West Country, the Midlands and Cheshire.

CRITCHLEY BROS. LTD., manufacturers of Lamflex and PVC Pipaway plastics land drainage pipes, announce that these products are now approved to British Standard BS 4962 (1973), and have been issued with kitemark approval, licence No. 5838.

Plastics drainage pipes must now carry kitemark approval to be eligible for grant-aided field schemes.