

regional master development regulations

- Establish an integrated management plan to minimize fertilizers and biocides.

- Conduct modeling studies reflecting unique site characteristics and evaluate risks of fertilizer or biocide leaching and runoff into water or wetlands.

- Establish a ground water monitoring plan and system in accordance with the State Department of Health. It should include ground water, surface water and, if applicable, near-shore water monitoring

programs at least a year before construction starts to establish baseline water quality data. Periodic monitoring should continue for at least a year after construction ends and play begins.

- Establish a solid-waste disposal plan that includes lawn and landscape trimmings disposal, emphasizing on-site use and disposal.

- Promote water conservation by using non-potable water for irrigation in the following priority — secondary (effluent from a municip-

pal treatment plant), secondary or tertiary (effluent from a private treatment plant), brackish ground water (non-potable surface water, including establishment and use of catchment basins or partially desalinated water). All water source and irrigation plans are subject to Board of Water Supply review and approval.

- Design the course to maximize natural drainage, recharge the aquifer alleviate stream channelization and other formal drainage systems in

nearby areas.

- Protect and support existing wetlands and fish and wildlife habitats.

- Protect streams, rivers and coastal waters from runoff; minimize runoff during grading and construction; emphasize target golf; protect vegetation; use vegetation buffers to preserve water resources and provide landscaping with appropriate indigenous flora; and recognize water conservation principles.

- Employ a superintendent who

is or will be certified by the Golf Course Superintendents Association of America within three years (only four of the GCSAA's certified members work in Hawaii) and is or will be a licensed pesticide and fertilizer applicator.

- Provide monitoring and reporting of pesticide applications, submit quarterly biocide use reports and prepare contingency plans for potentially harmful occurrences.

- Conform to the provisions of the Oahu Water Management Plan.

Jury awards \$3M to businessman in Hawaiian court

HONOLULU — Tokyo businessman Misuru Shirai has won a \$3 million jury verdict in state court in Honolulu over a proposed golf course development.

The verdict, against Haseko Realty Inc. and Sun Mari Corp., sided with Shirai's failed attempt to buy 2,400 acres in Waialua on Oahu from Castle & Cooke Inc.

Allegations included misappropriation of funds, failure to keep records, breach of fiduciary duties, self-dealing, conflict of interest, and concealment.

ASGCA targets misconceptions

Overcoming misconceptions surrounding golf and the environment is the purpose of a document the American Society of Golf Course Architects hopes will be ready for publication by its annual convention in May.

ASGCA President Tom Clark of Kensington, Md., is sifting through comments made on a preliminary draft during November's Allied Golf Association meeting and December's ASGCA executive committee gathering in Chicago.

The final document, which Clark hopes will run about a dozen pages, will be made available to local zoning and planning boards, state and federal regulatory agencies and people interested in golf course development.

It will use case studies involving development and maintenance practices at some of the country's best-known older courses, such as Cypress Point and Pine Valley, and newer courses built with the environment in mind, like the Ocean Course at Kiawah Island, S.C. and Old Marsh Golf Club in Palm Beach Gardens, Fla.

"We want to help lay people see what a golf course is and how it can interact successfully with the environment," Clark said.

"Too many people have negative views of golf courses. We are paying a high price in permitting costs and time delays and those extra expenses are being passed on to golfers. They should be aware of that."

Clark called publicizing that golf benefits the environment "one of the most important things the ASGCA has ever undertaken."

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